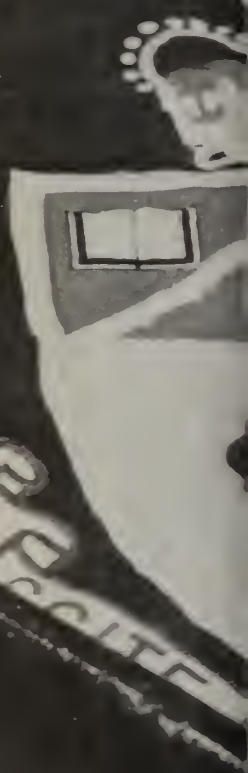


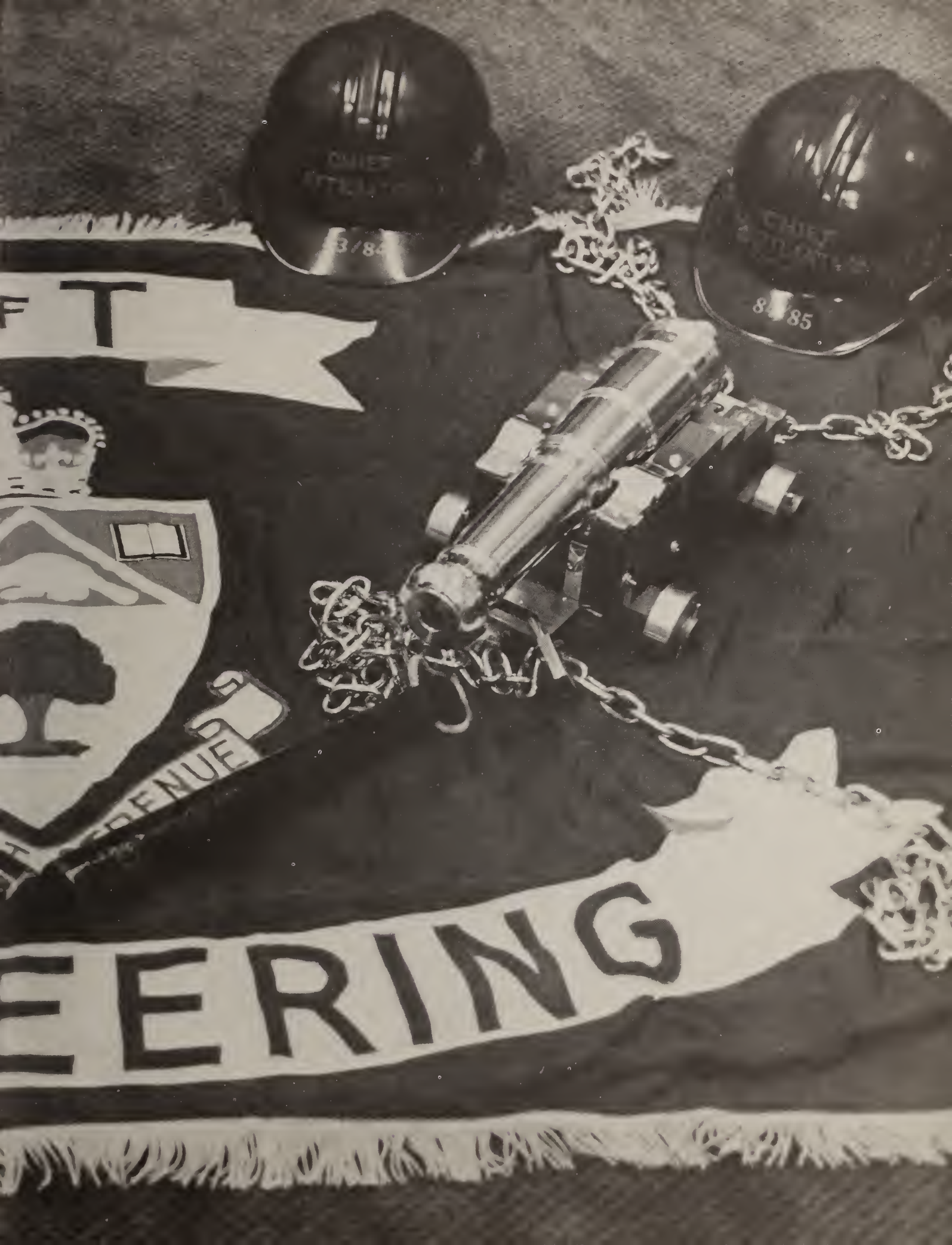
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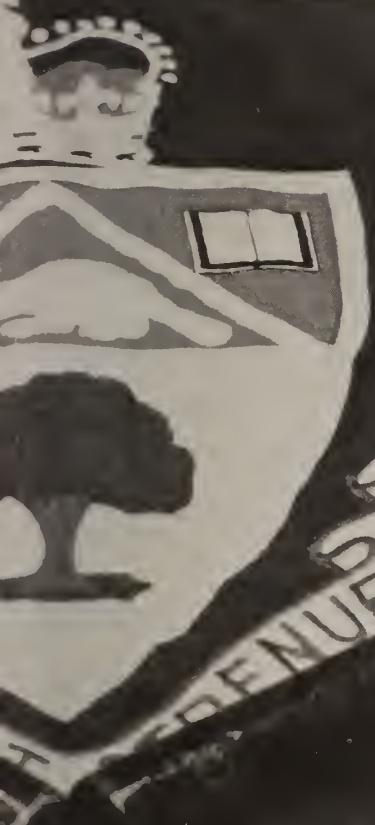




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F T



ENGINEERING



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Skuletm Book
1992

The
Meaning
of
Skuletm

Dean's Message

It is always a privilege and pleasure to speak to you through this yearbook. Engineers are by nature optimists, generally taking the view that something can always be done to bring about improvement. As the 9T2 class approaches graduation its natural optimism is somewhat strained by the still-depressed employment situation. Our economy is however on the upswing and a shortage of skilled personnel can confidently be predicted within the next few years when the graduates will have completed their apprenticeships and will be entering their most productive phases.

As most of you know, our present enrolment is at its highest level since the Ajax years (1946-1949). It is apparent that U of T Engineering, through the Introduction of new courses--some of which were recommended by our first year Task Force--is now regarded as the place to be by would-be engineers. The new Pratt Building and the recently renovated Mining Building represent state of the art facilities that surpass most schools in North America. We are proud and fortunate to offer these to our students.

The PEY course has expanded beyond our wildest expectations. By September 1992, some U of T Engineering students will be going to Japan for one year after extensive language training during 1991/1992. What better way to equip an undergraduate to deal with Pacific Rim countries, and be at the fore in the world economic arena.

I am enormously proud of all the good that the Engineering Society does for our Faculty, and the University of Toronto, supported by the Lady Godiva Memorial Band, the Skule Stage Band and the various committees. Skule Nite was one of the best yet. It amazes me that so much time is given by so many in these endeavours, while still upholding our demanding academic standards.

A special word to our graduates: keep up the \$100-a-year habit. You were precedent setters on campus by initiating this incidental fee, and I urge you to listen to your social conscience as a graduate. The students who follow you will be looking for the best, and one good turn deserves another. Please support Engineering through the Annual Fund. Get involved in the Engineering Alumni Association, and, most of all, promote U of T Engineering in every area of your career. You are now part of a proud and distinguished group of alumni. Do not be afraid to stand tall and say it.

My very best wishes go with you as you start your career. Keep in touch--you will never regret it.



Skule™ Book 1992

The Meaning of Skule™



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The
END
of the
MOVIE

To The Graduates of 1992

On behalf of the Alumni of the Faculty of Engineering I congratulate you, and compliment you on your accomplishments, your fortitude, your academic skills, and to some degree the good luck in what you have now accomplished.

I further welcome you as an Alumnus/Alumna and ask and advise that you keep your ties with the Faculty and become active in Alumni affairs.

It is only after many years that on your own you will realize the benefits you can and will acquire from your affiliation with your Faculty and at that point wish that you had been more involved earlier. You will realize that you should have put more back into the system, for the benefit of both yourself and the future generations that lie beyond you.

Realize that your life as an Engineer is not nearly as long as you may perceive it to be. I ask you which seems longer: 569,400 hours or 65 years. They are exactly the same length. The first 157,000 hours, or 18 years, you have spent getting your education. You have now, on average, 412,000 hours left until age 65. Two thirds of this, or 16 hours per day, you will spend sleeping, eating and on recreation, leaving 8 hours per day for work. This is 134,000 hours.

It does not seem very long, and I recommend that whatever you do, that you do it with all that you have in you. Take the wisdom that you have now, work hard with it, apply it, be generous with it, and accept and work with the wisdom of others. Always remember one main fundamental: "Take your wisdom and combine it with common sense". There are many, many wise people, but there are very few with common sense, and fewer still with common sense to apply to their wisdom.

I wish you well in your future endeavours, and pray that in the future all is well for you and yours.

D.E. Andrew, President,
Engineering Alumni Council



PRESIDENT'S MESSAGE

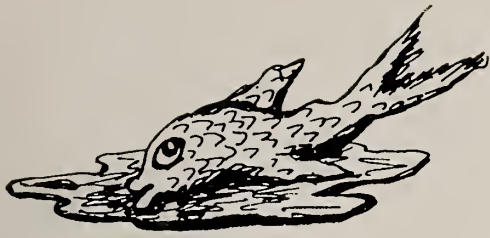
My father once read George Orwell's Animal Farm to me as a bedtime story. This unusual fact came up in a conversation I had with a friend a couple of years ago. He mulled that one over for a moment, and then told me that I was destined either for greatness, or an insane asylum. So here I am, President of the University of Toronto Engineering Society. And I'm still trying to figure out which prophecy came true.

So what have I gotten done this year? Well, it seemed to be the first Orientation in living memory that didn't see the Varsity coming down on Engineering like a ton of . . . well, you know. (Of course, that's mostly due to Andrew's hard work as Orientation Chair.) The LGMB played on the trading floor of the Toronto Stock Exchange. Octoberfest was incredible, as was the first Skydome-hosted Cannonball (due to great work by Dave). The Mighty Skule™ Cannon made many a deafening appearance (the ceiling at Hart House will never be the same), but of course J.C. deserves all the thanks for that. We managed to solve the handicapped access woes of the President's house (mostly due to the combined efforts of Don (Alumni Council Prez) and Doug and Kathleen). Kathy managed to induce long-term memory loss in the Royal York's management and sneak a splendid Gradball right past them. Chris put together the best yearbook this place has seen (in spite of my record-setting tardiness in submitting this write-up).

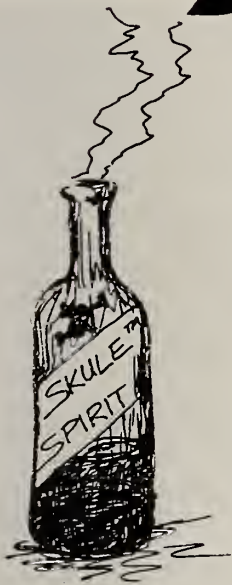
Special thanks to Dean McGrath, for always being there when I needed help. And for behind-the-scenes heroics, my mind boggles at the herculian efforts of everyone else. I could fill most of this book with tales of your deeds. Please accept my heartfelt gratitude for all the great work, and my apologies for not giving you specific mention. I can sleep well knowing that I have left Skule™ in supremely capable hands. So once again, what have I gotten done this year? Nothin'. So why am I so tired all the time?

Alex "Gilligan" Chapman

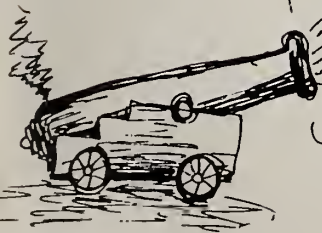




The Meaning of Skuletm



PART I: ORIENTATION



SHINERAMA

Once again, this year's Shinerama campaign has been a great success. With a total of \$42 333, U of T has surpassed last year's total by over \$3000 (not bad for a 'recession'). For the umpteenth millionth year in a row, engineers showed their spirit by raising the most of all the colleges and pro-facs.

At the annual pep rally at Con Hall on Shinerama morning, everyone showed their college pride and spirit with cheers (engineers were loudest), and much chair stomping (engineers broke a few chairs), especially when Stark Roving from CFNY showed up with the BoomBox. After a heartwarming speech by Terri, a 20-year-old with CF, the frosh were ready to hit the streets. The LGMB was apparently invited to do an impromptu performance on the floor of the Toronto Stock Exchange, with the head security guard leading the band! This resulted in pandemonium and lots of full donation boxes. One engineering frosh was willing to crawl on his belly for \$10 donations! We saw many more enterprising frosh on the streets and rewarded them with prizes from our Shinerama support vehicles. Spot prizes included Yuk Yuk's tickets, movie passes, Pizza Pizza coupons, and CFNY tapes. The top three shiners were engineers (of course), and they won Rollerblades, Bauer in-line roller skates, and an HP calculator respectively.

Engineers also shone in the annual bedrace with a second place finish by the Civil Engineering Club. The Civs would have won, but an overwhelmingly hostile crowd (composed of New's, Knox's, and PHE's) were relentless in their water balloon assault in the final race. The Electrical Engineering Club also placed well (ie they didn't crash this year).

All in all, everyone had a great time, and the engineers managed to raise almost \$12 000 for one of Skule's favourite charities. Thanks to all those who helped out this year - without your help, Shinerama would never have been the success that it was.

Matt Ng

Shinerama '91 Co-Chair

Elec91+PEY



ORIENTATION '91

At U of T our Orientation is a time in which SKULE Spirit is instilled in us. Every Faculty has its own brand of orientation, but SKULE has the best and the most enthusiastic of them all.

This year was certainly no exception! With the great weather and the lack of rebellious TTC confederates another incredible SKULE Orientation welcome was given to the Frosh of the class of 9T5.

To the Frosh who participated, I know you had quite an Orientation and to those who missed out, well ... there isn't much to say. All of the activities planned went extremely well, highlighted by the worlds largest submarine sandwich lunch, SUDS' Grand opening, the Technical Proficiency Test, Shinerama, Frosh Nite, the Women's Committee Wine and Cheese, Scavenger Hunt, Hart House Farm (BNAD practice?) and it was all capped off with a road trip to SkyDome where 800 Engineers piled in to watch the Blue Jays win (prior to their choking on their way to the World Series).

I can't believe I survived. The time and commitment required to organize and run Orientation is unreal. But with the help of over 300 committed Engineering Orientation Committee Members anything can be achieved. I would like to finish this learning experience by thanking the many and the few who made this incredible Orientation possible, with special thanks to Granamal for her unyielding help and advice.

Andrew Steeper,
Orientation Chair.







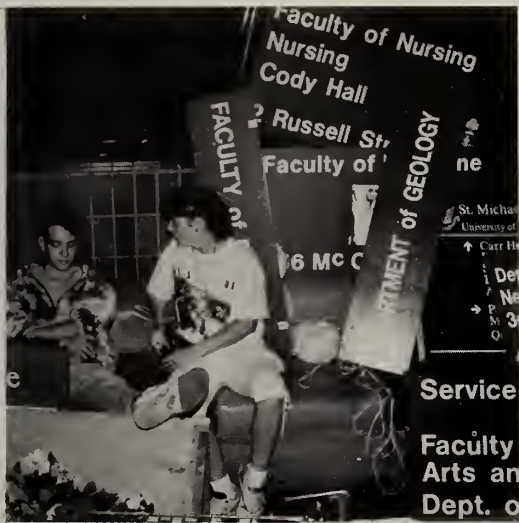
"YOU BASTARDS" - Peter Guo, SAC Prez







SCAVENGER HUNT









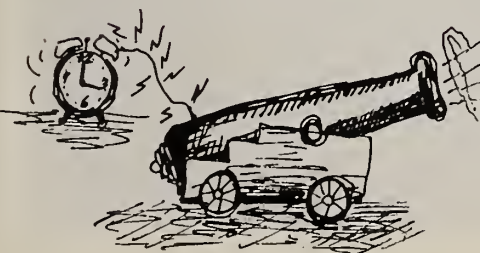


The Meaning of Skule tm



PART II:

F!ROSH



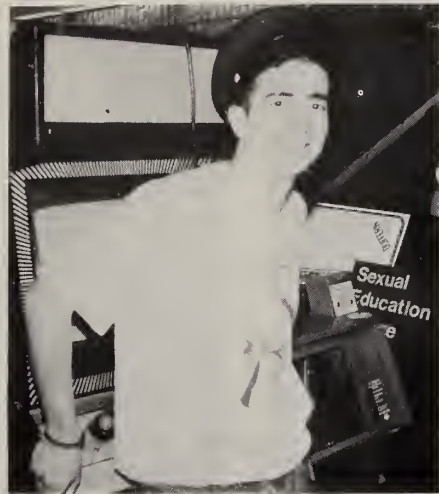




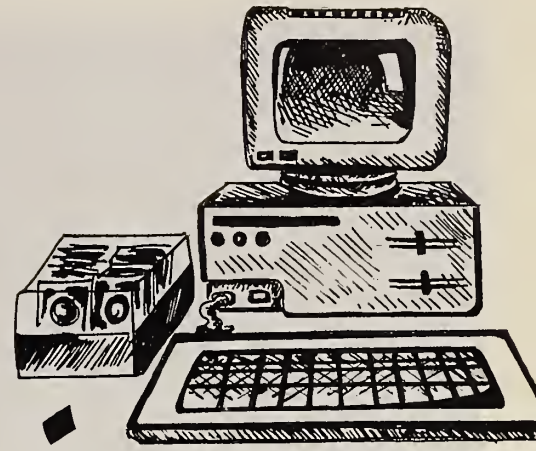








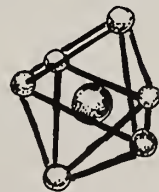




The
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PART III:
DEPARTMENTS





CIVIL CLUB

There is no doubt about it, the Civils are always up for a race. After a two year absence from the Annual Shinerama Bedrace, we made our presence known this year. The Civil bed took a respectable second to Phys. Ed., edged out by a headboard and a half.

Once again, the Civil Chariot claimed the Jerry P. Potts Award for a victory in the Annual Chariot Race (NOTI-Ed.). (We'll share it with the Geos, even though they stole our nuts) And, a wild and exciting time was had by our Concrete Toboggan team as they risked their lives in Montreal during The Great Northern Concrete Toboggan Race.

As usual, The Civil Hockey Tournament and Civil Dinner proved to be fun and successful events. The Dinner at Captain John's drew record attendance, where we shared some memories, good food, and danced the night away.

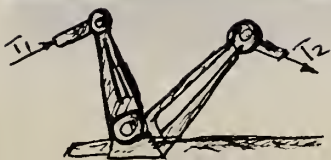
Congrats from the Civil Club to those Frosh who survived their first year at Skule. Congratulations also go out to, 9T2's for finally getting there, 9T3's for-getting through the projects, and 9T4's for-getting to go to survey camp?. We hope that future classes will keep the spirit of Joe Civ alive.

Our many thanks go out to all those Civs who wade this year the success that it was. Good luck to all!

Doug O'Malley
and Kathleen Gilbert
Civil Club



JOE CIV, P.Eng



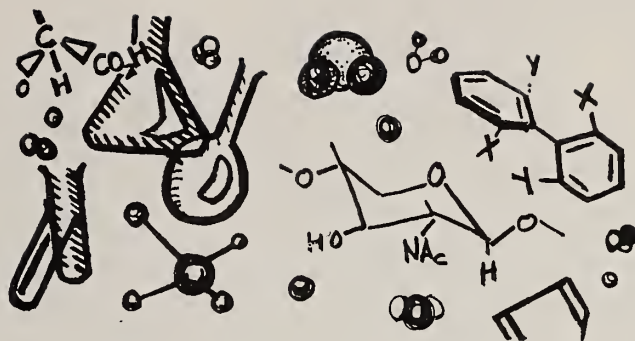


CHEM CLUB

It was Thanksgiving Day and I didn't feel like designing a cyclone to degas 12% consistency pulp (for Plant Design) so I decided to write this:

As usual the Chem Club is heading for another successful year. It all began with Summer Nights held in August for the new crop of bright and energetic first year Chem Eng students. Our efforts on the phone delivered over 40 students, armed with questions expressing their concerns about the program. Upper class students were completely prepared to alleviate any concerns by reciting all the horror stories familiar to all Chem Eng's. But when Orientation came in September, close to 200 students were present, arms gleaming purple, ready to digest the world's largest sub in 30 minutes.

The highlight of first term is the annual semi-formal, The Chem Dinner, held this year at the Westbury Hotel. This years turnout is expected to be the highest ever - hopefully enough profs will show up in order to subject themselves to our friendly abuse. Events in the Spring term, in addition to our frequent smokers, include our annual Hockey Tournament, the Department Dinner, and of course for those of us fortunate enough to graduate - our iron ring party and Gradball.



Finally to Chem, 9T2: Now that we've survived Plant Design, we can survive anything (It really wasn't that bad, it was horrible). In the words of one group: "Can we get back to you on that". When things get tough, just remember our adopted motto: "Don't worry, You're in the house!" The end is finally in sight. Best of luck to all Chems and special thanks to Claire, Hilary, Vasil, Paulie, Lynn, Gus, and Paolo.

Domenic Sinopoli,

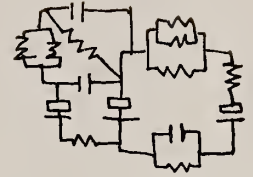
Chem Club Chairman







ELECTRICAL CLUB



The 1991-1992 Skule™ year was a very successful one for the Electrical Club. Even though, we are such an "old" club, we were able to experience a lot of "firsts" this year.

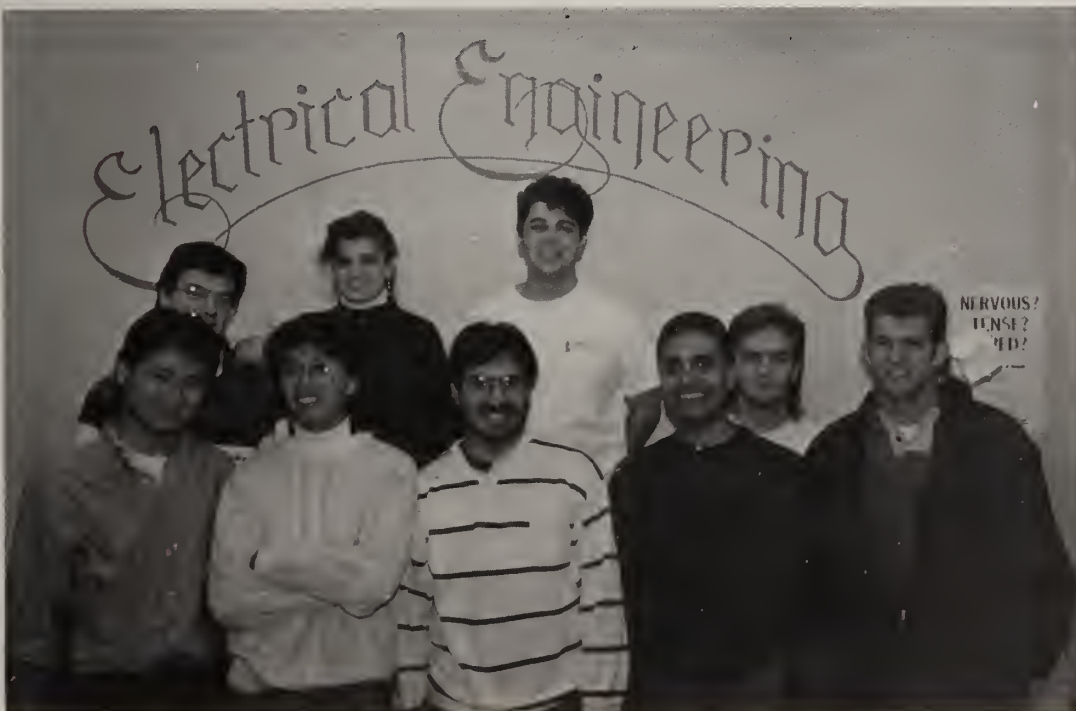
First and foremost, the Club began the year with a "real office." (Finally getting rid of that old shoe box which we used to call home) I would like to personally thank Catherine and Professor Sedra for their efforts in helping us obtain the new office. Secondly, for the first time in two years, the Electrical Club and volunteers were unable to finish first in the phone-a-thon. We did, however, manage to raise approximately \$13,000. Needless to say we were all extremely disappointed to miss a third straight victory by less than \$500. Furthermore, the Club presented its "first" ever Halloween smoker in Sanford Fleming's very own Atrium. The turn out was great!!! Included in this turn out was a KISS duo, a fried egg, and Conan the barbarian. One question, shouldn't Conan have hair on his chest??

Our Annual Dinner Dance was also attended by unexpected guests. Though the Attendance at the dinner was not overwhelming, the guests which did attend were of a strange variety. The guest list included "PC the Pirate", "a Die Hard Leaf fan", and the 1991 "Miss (or should it be Mr???) Yugoslavia" winner. Needless to say the evening was a smashing success. Thanks to everyone who made the event a success. (Special thanks to J.W. and R.Y.)

Finally the third-years embarked on the traditional educational (YEAH RIGHT!!!) trip to the Ottawa/Hull area. Various corporations were kind enough to offer tours of their facilities. It was a great trip in which everyone enjoyed themselves, even though no one can remember the occurrences of the subsequent evenings.

This year was truly a year to remember. The Electrical Club was extremely successful in meeting our goals and providing various events for the student body. Because of this great success I would personally like to thank this years executive, for if not for their efforts much of our success would not have been possible. Thanks to all of you....It's been a blast.

Gino Grano,
Electrical Club Chairman



IEEE





ENGINEERING SCIENCE CLUB



Once upon a time, there was a little division that was known as Engineering Science throughout the land. And this division had a group of great power, known as the Engineering Science Club. And the Club gave the people smokers, and the people were happy.

But still they wanted more. So the Club gave them a Dinner/Dance. Many people came, and everyone enjoyed themselves, but still they wanted more.

And so the little division saw pop in their common room, a new table, and more, faster computers. And at last the people were happy.

They went forth, and spread the contentment throughout the rest of the land, and so the division grew. Then there was the time when the evil sorcerer, yevl, descended upon Eng. Sci., and decreed more work and longer, more "challenging" problem sets.... but that's another story.

Club Chair: Karen Medweth

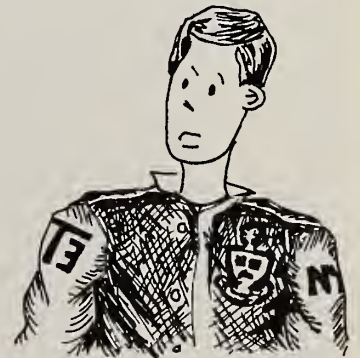
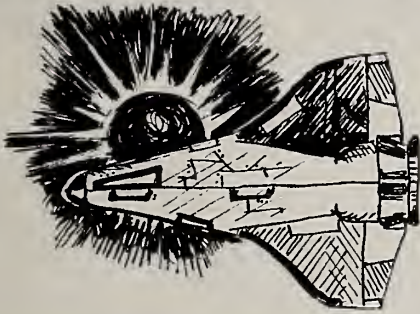
Assistant Chair: Rick Baltman

Treasurer: Stephen Chen

Dinner/Dance: Lorin Terzioglu

Somers: Derek Plansky

Derek Knie







GEO CLUB

Whoa, did we have some fun, eh! By the time of this writing we will have had a smash at the Upper Canada Brewery, made a lot of noise at a hockey game, held many most-successful 'Tea Parties', had a frolic at the zoo, and a blue rose for you (hmmm?).

Anyways, our common room is now officially identified (see Party Headquarters SF1007), and we've improved our computer facilities.

NEWSFLASH: "The Geo Mouse is still on the loose." Hey, we've graduated one helluva great crew of GEO-ENGINEERS. Thanx for being part of the program. Exits are on your left and right page. Please watch your fingers on the way out.

THE EXECUTIVES

Chairman: Bogdan Damjanovic

Treasurer: Kelly Symons

Vice: Igor Bukatko

Danny Giaromel

Faculty Rep: Wendy Morrison



ENJOY A GOOD ROCK SHOW.



IND
913



IND
914



Industrial Engineering Club



I.E. members are any students enrolled as Industrial Engineers. It's a club which concentrates on ensuring that students have fun throughout their academic career. It also allows junior and senior students to get acquainted and swap information (ie. old textbooks!).

This year's events included an I.E. Dinner held at Movenpick, a skating party, a ski event and a few smokers. This year's dinner event had a great turnout. We hope that this will be a trend for future dinners and future events. Our skating party, held at Nathan Philips Square, was another great success. We hope that this year's great successes will carry on throughout the future years.

The Canadian Society for Industrial Engineers (CSIE) student chapter is the Industrial Engineering Professional Association and it acts as a liaison between the student body and the industry. This year saw the growth of both the chapter and its programs, including plant tours and smokers with guest speakers. This year was highlighted by a trip to Kingston for the CSIE Annual Student Conference which brought students and industry members from across Canada together for three days of fun and education, to discuss changes in Industrial Engineering. Finally, the Toronto Chapters will be hosting the Annual Student Conference in January 1993 and we are all looking forward to this event. We hope that the upcoming year will be as much fun as the last.

Good luck and Enjoy!

Mary Lou Marzura,

Industrial Engineering Club Co-Chair





Mech Club

The Top ten reasons why MECH IS COOL !

10) MECH has claimed victory in the Chariot Race for the past six years ('cause we "found " the trophy and put our names in the blank spots).

9) MECH will claim victory again in the Chariot Race this year ('cause we still have the trophy and we're not giving it back).

8) The MECH building has two basements, one first floor, three second floors, two third floors and one fourth floor.

7) MECH Club Hockey has the best jerseys in Canada.

6) MECH has Prof. Hooper (he made an ice-making heater for the Arctic).

5) MECHs designed the Dome.

4) MECH has the most air conditioners in one building on campus.

3) More MECHs go on PEY than any other discipline.

2) MECHs only have to take courses like Control Systems, Materials Science, and Quantum Physics once!

1) MECHs build REAL stuff that REAL people use and understand in the REAL world.

Bill Woodside,

Mech Club Chair



CSME

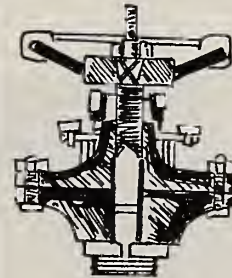
The Canadian Society
for Mechanical Engineering



American Society for
Heating, Refrigeration
and
Air Conditioning
Engineers



AMERICAN SOCIETY OF
MECHANICAL ENGINEERS





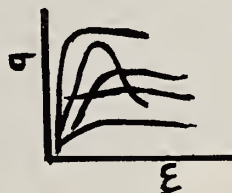
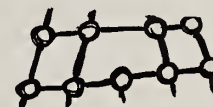
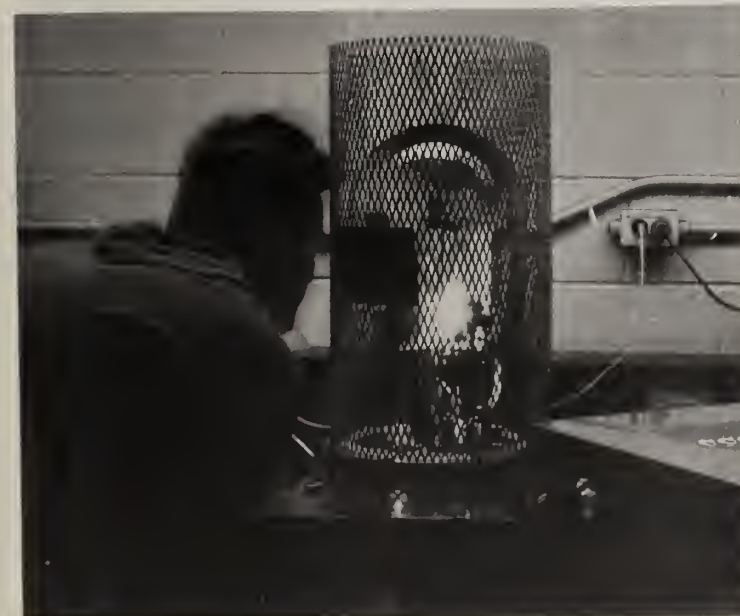
MMS CLUB



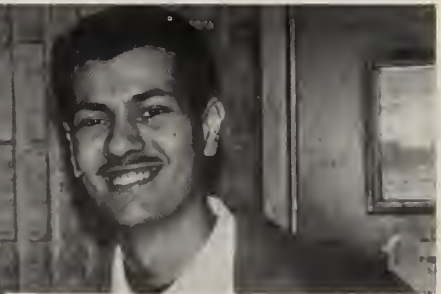
MMS UNDERGRADUATE

This shy creature usually inhabits the halls of the east side of the Wallberg building, preferring the dark, lower floors. It can be seen scurrying around at all hours of the day and night, spending inexhorbent amounts of time semi-conscious. This creature is regularly overburden and tends to vanish when work is required of it.

When cornered the creature becomes extremely viscous and will severely burn you in a mad attempt to melt the walls surrounding it. The creature is usually calm and will not bite until it gets to know you better. When first approaching it, be careful, it is highly excitable and may attack if not properly warned. Be warned, burns have been reported, when unsuspecting people have foolishly asked for a light.







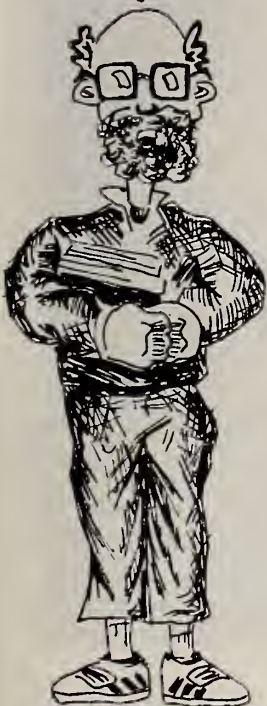


DEAN'S
OFFICE



The Meaning of Skuletm

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THROUGH 8 AND
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PART IV:
THE FACULTY



ASSOCIATE DEAN

Yearbooks, when they first appear are avidly read, and then are put away only to be looked at years later. What will the reader remember? Those currently in first year in 1991-92 may recall that they were the last class to carry six courses in both terms, and that they were the last first-year class to take graphics.

As of the time of writing, it is very likely that a new first-year program will be approved for 1992-93 in which students will take only five courses in each term. In programs other than Engineering Science, nine of the courses will be common. The tenth course will be one of only two or three and will be determined by the actual program of registration.

Some who graduate two years from now will remember they were the first class in the Computer Engineering program. Many will remember that the world in general was in a fairly long recession and that jobs were hard to come by. How many will recall that Toronto elected its first female mayor and relate that to the increasing role of women in Engineering? Global economics, the critical year of Constitutional debate and the continuing post "revolutionary" turmoil in Eastern Europe will be other markers of this time.

Whatever the future holds, our graduates will play important roles. An Engineering education gives a student a foundation not only to contribute to technological advancement but also to participate in decision making which will mold and direct the changes in our society. I wish every graduate happiness, health and wealth - thus reversing the usual order - but recognizing that the three are not unrelated.

Associate Dean David G.B. Boocock

Dean David Boocock will have been a Professor in Chemical Engineering for 18 years and Associate Dean for two years, as of May 31, 1992. In 1987-88 he was joint winner of the Faculty Teaching Award. He, his wife Patricia, son Graeme, 15, and daughter Heather, 12, are all keen curlers. The family has a wide range of skiing skills as is confirmed by the necessary corrections to Dean Boocock's body parts which are required from time to time.



FIRST YEAR STUDIES

My job is to work with First Year instructors and students to make First Year a successful and enjoyable experience, and to overcome any difficulties associated with the transition from high school to university. An important aspect of my responsibility concerns curriculum matters. The First Year Committee, which I chair, has just completed a major revision of the curriculum, which we are confident will go a long way towards enriching the First Year experience in all its dimensions.

In the next while, I hope to devote more time to other, equally important issues. As a high priority item, I would like to establish regular avenues for communications with First Year students to hear their concerns and suggestions. The first year sets the tone for the rest of the university years; we must work together to make it a success.

Safwat G. Zaky

Chairman, First Year Studies.



ASSISTANT DEAN

For Book of Skule My quick answer to anyone who asks what I do here is "Anything the Dean doesn't have time for." While that is partly true, let me be more specific.

The Engineering Alumni Office was established in 1982. In broad terms, the objective of the office is to achieve maximum personal and financial support for the Faculty from alumni, and from you, alumni of the future. This involves the following: a) Managing the Engineering Annual Fund, which raises about \$600,000 for Skule each year. b) Following up on the recently completed Breakthrough Campaign. Engineering exceeded its target by some 15%, to obtain pledges of \$5.4 million over the next five years. The Pratt Building and the renovated Mining Building are examples of Breakthrough benefits to Skule. c) Co-ordinating the Engineering GRADitude campaign. The class of 9T1 set records on campus when 73% of them pledged \$109,000 to Engineering over the next three years. d) Overseeing affairs of the Engineering Alumni Association, as well as its related committees and functions. e) Organizing the annual Engineering Open House. f) Organizing the Fall Homecoming and the Spring Reunion. These two events bring 1000 or more alumni back to campus each year. g) Being responsible for the annual Telethon. Two hundred of our students raise about \$100,000 annually in this event. h) Arranging funding for the Engineering Society. Each year the Engineering Alumni Council provides nearly \$30,000 for various student activities. i) Writing for the Engineering Alumni Report. This is sent to 20,000 U of T graduate engineers four times a year. j) Maintaining a detailed, computerized record system of our alumni, donors, and obligated engineers. k) Conducting the affairs of the Office of the Camp Wardens, who are responsible for the annual Iron Ring Ceremony. l) Serving as unofficial ombudsman for undergrads who encounter academic and/or personal difficulties. m) Serving on various Faculty committees, such as the task force which recommended the Code of Ethics to the Engineering Society. n) Oh, by the way, I also play the Convocation Hall organ for Engineering's graduation ceremony each June.

As you can see, I am never bored!

Malcolm McGrath



Vice Dean

The mandate of the Vice-Dean is to focus on the facilitation of partnerships, particularly between the faculty and the industry - including both the manufacturing and service sectors. These partnerships embrace research oriented projects - including those initiated under programs of the federal and Ontario Governments; the Faculty's approach to co-operative education - the Professional Experience Year (PEY), and the Engineering Continuing Education Program (ECE).

External research funding in the form of grants and contracts have increased over the last decade, nearing the \$31 million mark in 1991. The continued rise is attributed to the Ontario Centres of Excellence Program, the Federal National Networks of Centres of Excellence, corporate and other private sector support, funding under the University Research Incentive Fund (URIF) of the Ministry of Colleges and Universities (Ontario), and Industrial Research Chair and Collaborative Research and Development Grant programs of the Natural Sciences and Engineering Research Council of Canada (NSERC). The growth rate in external research funding continues to outstrip that of the base budget. It is a consequence of the creativity and energy of our colleagues in raising research support in a very competitive environment.

The ECE program continues to prosper, under the leadership of Anne-Marie Tynan, ECE Coordinator. In the 1991 year, 1,730 enrolled and 78 courses were delivered. The range of course offerings in 1990-91 was increased with the addition of the Independent Study Program (ISP). This allows students at more remote locations to take correspondence courses which help them fulfill the requirements of Association of Professional Engineers of Ontario as they seek P.Eng. status by the examination route.

Despite the recession in the economy, the PEY program was successful in placing 91 students in 1991. Together with the 105 students placed last year, there was a total of 196 students out in the work force at one time during the four-month period May to September.

An innovation during the 1989-90 year was the launching of the newsletter Partnership Focus. Five issues have been published to date, and the intent is to maintain a steady output of three issues per year. The main purpose of this newsletter is to provide current awareness of activities in the faculty that involve linkages to industry. Research partnership activity, the PEY program and the ECE program are emphasized. Much of all this has direct and indirect benefits for undergraduate students in the faculty.



Good luck to you all -- it PEYS to attend the University of Toronto!!

Vice-Dean,

Professor Michael E. Charles

OFFICE OF THE REGISTRAR

This is my first opportunity to report on the activities in the undergraduate Student Service areas of the office and I must say it comes at an opportune time when we are undertaking a review of how we conduct our business with you. Below, I have provided a summary of the current activities in the Office as they are currently set up. However, watch out for some changes over the next year. The Faculty Registrar is responsible for the overall management of the Faculty Office and effective delivery of services to students and staff.

All administrative staff in the Faculty Office, with exception of the Engineering Computing Facility, report both directly and indirectly to the Registrar. There are three sections having responsibility for the delivery of undergraduate services. The Student Records Section (located in Galbraith room 153) is responsible for: Pre-registration and Registration Course drop/adds Photo I.D. Administration of Exams Course Marks Entry Mark Rechecks Transcripts and registration letters Name and address changes Withdrawals Grade Reports Convocations Exam paper reproduction. The Student Services Section (located in Galbraith room 157) is responsible for: Admissions to First Year Advanced Standing admission to Second Year and higher Counselling in admissions and advanced standing High School Liaison Activities Scholarships Bursaries Faculty Loans Interviews with students re bursaries and loans Recruitment Publications The Administrative Services Section (located in Galbraith room 157) is responsible for: Registrarial Computing and Student Records Course Instructor lists Class lists/datasets Exam timetable Room reservations Course file maintenance Course/program timetabling and sectioning Course Teaching Evaluation Marks Accounting Statistics.

The Chair of First Year Studies, Prof. S. Zaky, the Associate Dean, Prof. D.G.B. Boocock and Ms. Pierina Filippone, First Year Advisor, are responsible for counselling to all First Year students and administering the First Year Program. On August 15th, 1991, Faculty Office staff met in a workshop to discuss and implement a strategy to enhance the quality of service provided to our clientele. The key recommendations from the participants of the workshop were as follows:

- 1) Improve front-line student service through the following initiatives: - re-structuring of the undergraduate offices as indicated above - provision of customer service training of all staff
- 2) Acquire a voice-messaging system and an electronic message board to communicate information to students more effectively.
- 3) Conduct surveys to identify the real needs of students, not perceived needs.
- 4) Reduce the number of forms required of students and the number of steps to register in courses.
- 5) Acquire directory boards/signs for Galbraith lobby and office space.



As you can see a great deal of work remains and I ask for your patience in bringing about some of these changes over the next while. In addition to providing us with some feedback in surveys, please feel free to come and speak to me at any time with your ideas on how we might serve you better.

Congratulations to the Class of 92 and good luck to the remaining undergrads.

B. McCann, Registrar



Chemical Engineering and Applied Chemistry

The Department of Chemical Engineering and Applied Chemistry at the University of Toronto is the largest in Canada, with over 33 academic staff. We have been particularly recently in recruiting over ten colleagues with world-class training in different aspects of the discipline, including five who hold chairs in Industry/Natural Sciences and Engineering Research Council Senior Research programs. The size and breadth of the Department allows specialization in one of the many sub-disciplines, which include environmental studies, advanced materials such as ceramics and reinforced materials, computer modelling and simulation, control of industrial processes and materials, bioreactors, surface science, catalysis and adsorption, the design of chemical reaction systems, biomaterials, bio-engineering, and so on.

To describe all the activities of the academic staff, the Department and its students would fill a book, so I have selected a few topics on the environment, which is of particular relevance today. Most people rightly believe that the chemical and process industries are sources of pollution and of environmental concerns. It is also a fact that young people who pursue careers in chemistry and chemical engineering will create and effect the only practical means for controlling toxic emissions at their source. For example, Professors Rapson and Reeve of this Department have developed means for reducing the chlorinated hydrocarbon emissions of pulp mills, which offer hope for the industry in dealing with this difficult issue. Professor Mackay and his research students have developed expertise in evaluating the distribution of pollutants in the environment and his work is widely recognized as providing the firm scientific basis for understanding the fate of oil spills in Arctic environments. These and many other examples show that development of technologies for environmental control lies within the domain of chemical engineering.

J.W. Smith, Chair



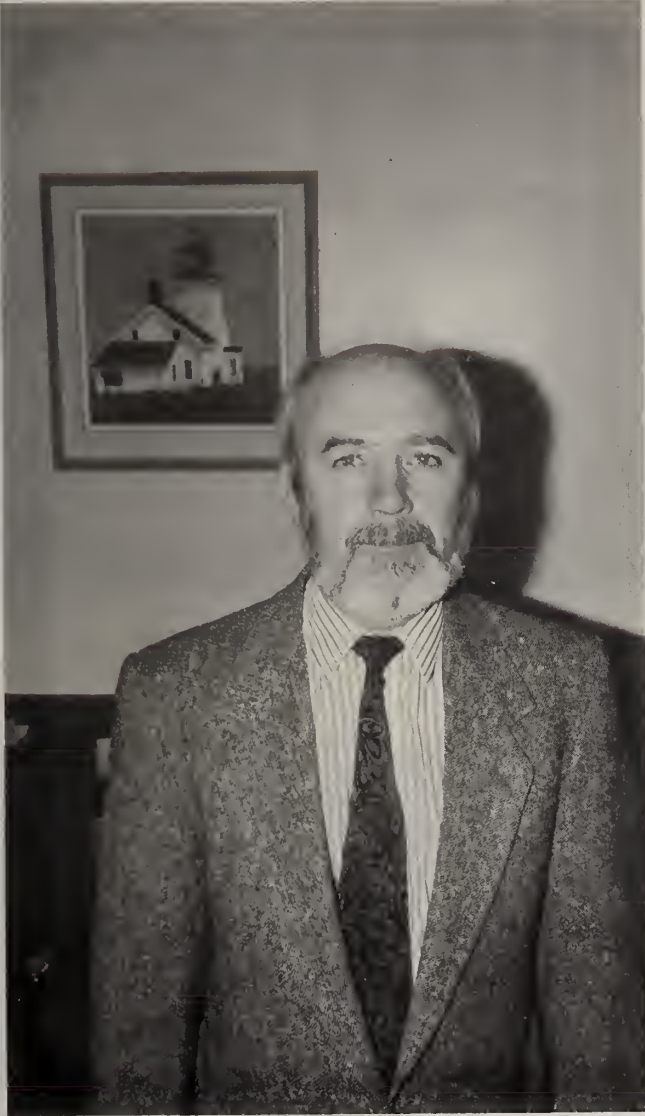
MECHANICAL ENGINEERING

The Department of Mechanical Engineering congratulates its graduates of the class of 9T2. You have the distinction of being the first graduating class in the second century of Mechanical Engineering at the University of Toronto and enter the Engineering Profession at a time when Engineers in general, and Mechanical Engineers in particular, face unprecedented challenges and opportunities in serving the needs of society. The broad disciplinary base and design orientation of the curriculum make the skills of Mechanical Engineers vital to the solution of many of the problems facing society today. You have already displayed commitment, directly to engineering education, and indirectly to the Profession, through the student levy. These funds have been used in the Mechanical Engineering Department to upgrade computing and laboratory facilities and is a legacy for future engineering students. On their behalf and on behalf of the University, I thank you.

I was fortunate, in my first year as Chairman, to have you as a final year class and I would like to thank those who served as elected representatives in the Engineering Society and the Mech Club or on the Departmental Staff/Student Council. In particular, I am grateful for the advice and counsel of Bill Woodside as the 1991/92 Mech Club Chair. I will finish by wishing all of you success in your professional career and hope that in later years I, or my successor, may use your wisdom and counsel as the Mechanical Engineering Department at the University of Toronto develops its programs to better meet the future needs of Society and the Profession.

D. McCammond

Chairman of Mechanical Engineering



INDUSTRIAL ENGINEERING

Established in 1961, our Department is not only the leading Department of Industrial Engineering in Canada, but has developed a worldwide reputation as one of the top ranking Departments in its field. Within our modern society, Industrial Engineering is unique among engineering disciplines through its systems approach to solving problems relating to the interplay of people, productivity, information and management. Such problem situations occur in every type of industry or business enterprise, and in every kind of government office or agency. Moreover, within an individual enterprise, these problems occur in all parts and at all levels of the organization: finance, marketing, production, research and corporate administration.

The industrial engineer has a special combination of knowledge and skills for handling these situations: a systems approach which uses appropriate combinations of applied mathematics (operational research models), applied psychology, applied physiology (human factors analysis), applied technology (especially computers and information systems), together with necessary economic and social considerations.

Andrew K.S. Jardiné,
Professor and Chairman,
Industrial Engineering



Engineering Science

Congratulations! For you who are graduates of Engineering Science, this salutation is particularly appropriate because you have completed the most demanding engineering program in Canada. Knowledge was thrust at you faster than you wanted to receive it and faster, you thought, than you were capable of receiving it. But you adjusted, you survived, you grew, and now you join alumni known for their highly disciplined approach to learning and for their knowledge of fundamentals.

With your training in Engineering Science, you are ready for a challenging technical career. All that's needed now is the cooperation of the economy. Whether you start your career now or after post-graduate study, you will find that your Engineering Science training will serve you well throughout your career, regardless of shifts in the frontiers of science and regardless of the emergence of new technologies.

As you are probably aware, you are one of the last classes completing the six-course program. The class entering this Fall will start on a five-course program and will probably continue with this course load for years. Lest you, and they, think that the program is becoming soft, let me assure you that Engineering Science will continue to be an intense, challenging program. But it will be re-packaged and the new students will be expected to do more self-learning than you did. At the same time, I will understand you when you want to boast to later years that you took Engineering Science when it was six courses.

May your future bring you accomplishment and fulfilment. I wish you all the best.

Professor D.F. James

Chair of Engineering Science.



Metallurgical Engineering and Materials Science

Metallurgical Engineering and Materials Science is numerically a small programme, but one that ranks in importance and spirit. Engineered materials are the basic building blocks of engineering, be they the steel beams of construction, new long-life asphalts for road paving, or atomically thin films of Gallium Arsenide in optoelectronic devices.

You, the next generation of Metallurgical and Materials Engineers, will be the key people who will be responsible for the production, processing and application of metals, semiconductors, ceramics, polymers and composite materials in an exciting era in which so many new revolutionary materials developments have either recently been discovered, or are just around the corner. You are about to enter the real world (those of you who are not continuing into graduate school), at a time when the short term economic future looks somewhat bleak. In the long run, however, you can look forward to successful careers in the metals and materials industries. Remember in those prosperous and influential settings not so far in the future that you got your start as professional men and women in MMS at U of T.

Congratulations and best wishes.

Alfred Miller,

Chairman, Department of Metallurgy and Materials Science



Department of Electrical Engineering

Electrical Engineering at the University of Toronto is one of Canada's foremost departments and ranks amongst the top few in North America. The department provides undergraduate programs in Electrical Engineering, Computer Engineering and the related options of Engineering Science.

The Electrical program encompasses a wide spectrum of subjects and applications. Among these are such traditional fields as electrical power generation and transmission, communications, electronics, electromagnetics, and feedback control, as well as those which are relatively new, such as electric vehicles, optical and digital communication, systems theory, microelectronics, computer technology and microprocessors.

Computer Engineering is a dynamic new branch of engineering at the heart of the computer and microelectronic revolution. First introduced by the Department in 1990, the program captures all of the elements of computers: hardware, normally the domain of electrical engineers and software, normally the domain of computer scientists. The particular strength of a computer engineer is the ability to understand the tradeoffs between hardware and software that the traditional electrical engineer or computer scientists lacks. The computer engineer combines these elements to cover all aspects of large computer and communications systems and puts them to work.

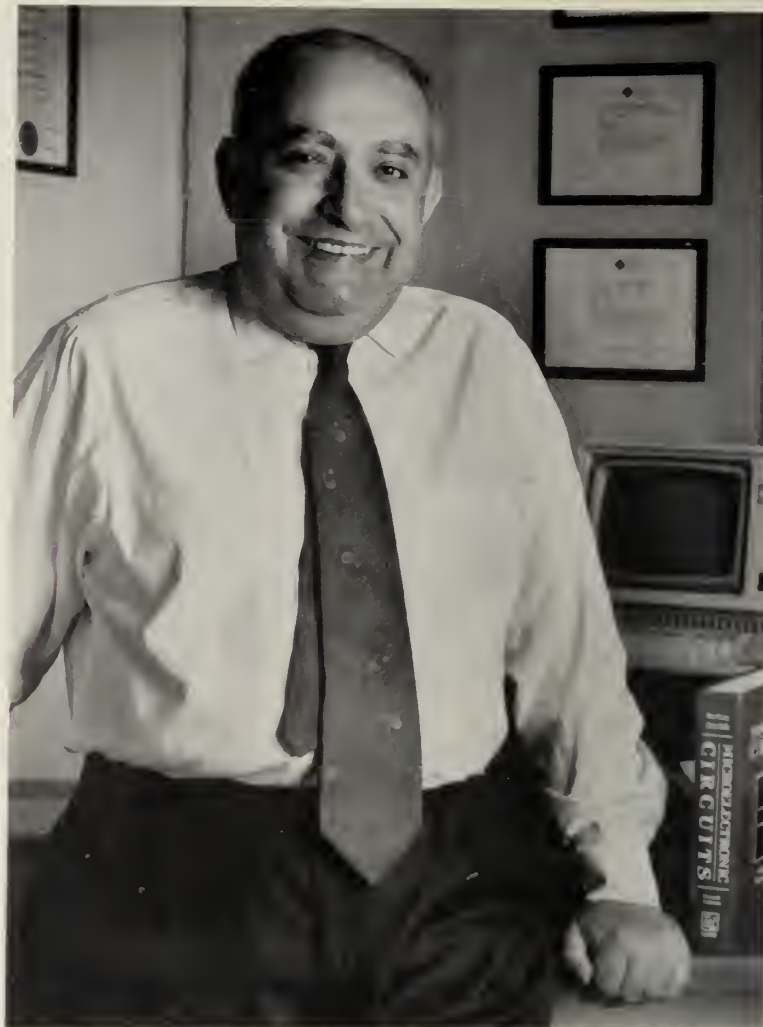
Graduate studies may be pursued in seven technical areas: Biomedical Engineering, Communications, Computer Engineering, Electronics, Power Devices and Systems, Systems Control, and Wave Sciences.

The Department currently graduates approximately 130 students with electrical engineering B.A.Sc. degrees, and will eventually graduate an additional 60 Computer Engineers. The Faculty comprises a highly accomplished staff of approximately fifty professors. They include: Fellows of the Institute of Electrical and Electronics Engineers (IEEE), the Engineering Institute of Canada (EIC), the Institution of Electrical Engineers (IEE), the Canadian Academy of Engineering (CAE), the Royal Society of Canada (RSC), and three professors holding NSERC Industrial Research Chairs.

As the world becomes more dependent on computers and electronic communication, the electrical and computer engineer will play a significant role in nearly every aspect of society. The demand for graduates with a computer engineering background is already strong and the job market will certainly grow in the future. In light of these ever increasing demands, the Department of Electrical and Computer Engineering remains strong in its commitment to education and research.

A.K.S. Sedra

Chair of Electrical Engineering



GEOLOGICAL AND MINERAL ENGINEERING

Students In Geological and Mineral Engineering, as the name implies, find careers on graduation in the traditional areas of mining and petroleum exploration, mineral processing and engineering geology, and increasingly in recent years in environmental engineering. After all, the environment we are so concerned about is the Earth itself and who better to solve some of our pressing environmental problems than engineers who understand what makes the Earth work.

As a consequence of its new thrusts, the program in Geological and Mineral Engineering continues to evolve allowing students to pursue a broader range of interests built upon an increasingly more solid foundation of fundamental engineering and science.

Being small (currently 77 in all 4 years but growing), Geological and Mineral Engineering is a tight-knit group. They all know each other and both work and play all the harder for it. There are no less than 16 competitive bursaries and scholarships held by Geo-Engineering students representing 44% of 2nd, 3rd and 4th year enrolment. Most of this support is provided by the mining industry and its friends. The Geological and Mineral engineers have traditionally been at the centre of university life contributing to the well-being of our faculty in a



MESSAGE FROM THE CHAIRMAN

On behalf of the entire Department of Civil Engineering, it is a pleasure to congratulate the class of '92, for having made it through a fairly tough and demanding four years of lectures, labs, mid-terms, and examinations. We extend our best wishes to each of you for a rewarding and satisfying career in whatever field you eventually pursue.

Over the years, I certainly hope you will look back at this time in the University as a period which has equipped you with training, skills and approaches to problem solving that have benefitted your entire professional lives. I also hope that many of the personal relationships developed with your classmates and faculty will also have lasting value.

At a time when there are tremendous uncertainties as to the directions in which this country is going, you face a number of challenges and opportunities for putting Canada on the road to economic recovery and improved quality of life for all segments of the Canadian population. In an increasingly globalized world economy, engineers have an important role to fulfil in ensuring that we improve our international competitiveness by developing a reputation for quality and cost effectiveness, without sacrificing either the environment or those social ideals that are important to us, as Canadians. Achieving those objectives will require many changes in the way we do things, receptiveness to new ideas, and greater sensitivity to the needs of those less advantaged in terms of resources, social institutions, and freedom, elsewhere in Canada and the world.

As young professionals working in government and industry, probably the most difficult challenge in both obtaining personal satisfaction and influencing change will involve achieving that very delicate balance between getting something done and doing something that is in the public interest, while maintaining professional integrity and objectivity and holding on to your sense of humour. Knowing this graduating class as I do, I am sure you are up to the challenge. Certainly, I look forward to hearing of your accomplishments and taking great delight in saying "another one of ours!"

Richard M. Soberman, Chairman

Department of Civil Engineering



proportion that generally far exceeds the expectations of their small numbers. It is well known who has the best "Non-Smokers" but beyond that, the Geo-Engineers are perennial participants in the Chariot and Bed races and Intramural sports, organized Cannonball, are on a number of faculty committees, are involved in Toike Oike, play in the LGMB, and over the past few years, have participated 100% in the graduating class GRADitude Pledge.

Geological and Mineral Engineering students embody the spirit of our faculty and are on the forefront of Canada's resource and environmental industries.

Steve Scott, Chairman



Fifty-Five



Engineering Society

(WRITTEN IN 1976)

by Scott Ferguson

To start with, it is worth pointing out that Eng. Soc. is Canada's oldest engineering organization, having been formed in 1885, one year before the E.I.C. started up. Its first president was the then Dean of Engineering, John Galbraith (named after the famous engineering building) who held the office for three years. After him the students took the job and the first undergraduate president was H. E. T. Haultain (also named after a famous building).

Originally Eng. Soc. was what is referred to as a "learned" society which had goals such as the encouragement of original research in engineering, the preservation of the results of the research, the dissemination of the results to its members, the cultivation of a spirit of mutual assistance and co-operation among its members in preparation for and in practice of the profession of engineering and to provide an official means of communication between the student body and the Faculty Council, the University authorities, and other student bodies. The latter two objectives weren't really dominant until after World War I

There used to be regular meetings of students, graduates, staff members, and invited visitors at which technical papers were presented for discussion. In 1885 these papers were published in a pamphlet form called *Papers Read before the Engineering Society of S.P.S.* These and others became the start of the Engineering Society Library from which the Engineering Stores were to be born. Later these papers were renamed *The Transactions of the Engineering Society*.

By November, 1907, the name was *Applied Science*, and it was a full technical journal. By then the Society had grown from its original 35 members to 721. This journal ended in 1916, but the *Transactions of the Engineering Society* reappeared in 1920-21 along with the *Transactions and Yearbook of the Engineering Society*, which included a section on student activities.

These early beginnings fostered an atmosphere of co-operation between the staff and students of engineering. As early as the 1890's, through negotiation with the staff, the Eng. Soc. had permission to use regular class time to attend technical meetings of the Society, and to have marks assigned to papers presented there by students, and to have these marks considered in the determination of honour standing.

In 1888-89 the Engineering Stores (then called the Supply Department) began as a small room to house books, papers, and property of the Society. By 1891-92, it was selling drawing paper to students, and by 1908 it had a permanent secretary to buy and sell goods. Eventually it separated from the library and moved to room 19 of the SPS Building (the "Little Red Skulehouse"). Today it is in the Engineering Annex and under student management, with a permanent sales staff (i.e., June).

In the late 1870's the Skule Yell began:

*Toike Oike, Toike Oike
Ollum Te Chollum Te Chay
School of Science,
School of Science,
Hurray, Hurray, Hurray!*

On November 25, 1905, the rest of this familiar yell came into being:

*We are, we are, we are, we are,
we are the Engineers...*

The Course Clubs as they now exist had gradual beginnings as the Society grew. Originally the course members would form debating clubs which eventually led to course clubs. The clubs are often associated with outside professional organizations, such as CSME, CSCE, IEEE, etc. The Eng. Soc. once sponsored a debating club which had intra-university and intra-year debates. Its members often joined the university debating teams and the clubs even used to offer the Eng. Soc. Cup for Skule's best speaker.

For a long time the Eng. Soc. has represented the student body's academic interests. It criticized the curriculum and staff long before students throughout the university became concerned with parity in governing the university. The Society's actions have been quiet but effective, as can be witnessed by the current representation of students on the Faculty Council.

The Eng. Soc. as you can now see has grown from a social sort of club to an active instrument of student government and representation, maintaining the strong links between the staff, students, and graduates of Skule.

The old Skule Days Were full of rivalry and capers. The freshmen used to have to wear distinctively coloured ties; Skulemen wore green, UC had white with red dots, and Theology wore black. Bags of "tie scalp" were coveted possessions on all sides of these rivalries.

Capers were taken much more lightly in those days, as can be found

in records of water floods at UC, cows in the draughting rooms (from the Medsies), Cannon thefts, and so on.

Music has long been in the hearts of engineers. In 1901 there were student singing and instrumental groups. The *Toike-Oikestra*, Formed in 1911, died at the first World War, and rose again in 1919. The *LGMB* is a relative newcomer, having been formed in 1948. Originally it had about a dozen core members but grew as large as 250 at football games. Even the University's president, Sidney Smith, joined the bunch on occasion. The Lord Mayor of Coventry, England extended his formal greeting when he heard of the Band's formation. Today it is still its fun loving and merry-making self, now being the "Triple Prize Winning LGMB".

Skule Nite had its beginnings in 1920 when the Eng. Soc. Executive appointed a committee to develop the growing interest in a Stunt Night. The first annual "*Ngyms in SPsSms*" was presented in Massey Hall on March 2, 1921 to an audience of 1343 people, with music provided by the *Toike Oikestra*. Nowadays they take place in Hart House Theatre for three or four day runs. Unfortunately *Skule Nite* production died in the 1960's, but it was reinstated in 1973 and continues strongly.

The *Toike Oike* made its debut during the Eng. Soc. Elections of 1906. It also died during the First World War but was reborn in 1920 and has continued to this day.

The Chariot Races of today began as a part of an indoor festivity celebrating the Eng. Soc. Elections. The winners were awarded the *Gerry P. Potts Trophy* which still exists and is presented, still, to this day. The contestants would balance on thunder pots with ropes on their handles. Today, of course, the chariots are somewhat larger, faster, and the riders more armoured.

So ends a brief summary of the history of Eng. Soc., as recorded in *Cold Iron and Lady Godiva*. You can see that it is a dynamic and ever changing organization which is built up of and for students in engineering. It's your society, so use it and support it.



The History of the LGMB

Robert Ketchen (Mech 7T8)

During the Second World War there was a munitions plant at Ajax; in fact the plant pretty well was Ajax. Afterwar ended, the University of Toronto used the shell-filling plant for a few years for teaching engineering, to ease the sudden post-war increase in enrollment, and the barracks served as residences for engineering students. In the fall of 1948, Engineering returned to the St. George campus and probably sometime during the '48 — '49 Skule year the now world-famous Lady Godiva Memorial Band came into existence.

A.J. Paul LaPrairie (Mining Eng. 5T0) served six years overseas with the Irish Regiment of Canada, and on spending two years taking classes at Ajax among many other veterans, felt a "regimental" band was in order. Being the Direktor of Kultural Aktivites (an executive position in the Engineering Society — the present day equivalent in terms of function would seem to be a cross between Blue and Gold Chairman and BFC Chief) he undertook the founding of the Band. Through his contacts in the Irish Regiment he acquired the necessary accoutrements of any self-respecting world-famous band: scrounging Fort York and University Avenue Armouries and the Sally Ann at Church and King Streets turned up a collection of Irish Regiments tunics, some pith helmets, six dragoon's brass helmets, a drummer's leopard skin, two tenor snare drums, and most important, a bass drum with one head (the open side was used to stockpile beer while "on parade" — a modification which might well be worth considering for the present, in my estimation).

The actual date when the Band started is somewhat vague due to conflicting sources of information, but it would seem to have been sometime during the calendar year 1949; which Skule year, '48—'49 or '49—'50, is at present still uncertain — '49—'50 seems to be more likely since they are first pictured in the 5T0 Yearbook, although A.J. Paul LaPrairie says it was the fall of 1948. In any event, the first rehearsal fielded about a dozen people from all years consisting of trumpets, trombones, saxophones, clarinets, one flute, two snare drums, and the bass drum (sounds disarmingly familiar) — a "motley" group at best. During the second practise it was discovered that LaPrairie could not read music, and he was demoted (or

promoted perhaps) to bass drummer, and Tom Kenny became "Captain" for the '49—'50 Skule year.

The name of the Band was devised at a group think session. Ideas were batted around and Lady Godiva Band was agreed upon. Bill Walker (later President of the Engineering Society) suggested the 'Memorial' part, and so it was. The Band was even recognized in a letter from the Lord-Mayor of Coventry.

Leon La Prairie led the band in '50—'51 and Earl Scott led in '51—'52 and '52—'53. During Earl Scott's leadership, the Irish egipment tunics and pith hemnets were running out so old, gaudy clothes were taken to — a help since fights and dirty capers were frequent. Early capers and events were similar to those today: the Band performed in Skule Nites ('51—'52); raucous marches through U.C. and the Meds buildings during lectures ere not unusual (not infrequent, at least); football games were a highlight where the LGMB competed aurally with the now defunct Blue and White marching band (the Blue and White's demise, incidentally, leaves the LGMB as the only band on campus which performs in any sort of official capacity — oh my!); the main bill of fare for the Band was performing noisy fanfares and such for events such as the Chariot Race, the Slave Auction (rather unlike the Slave Auctions we are graced with nowadays), and when the Mighty Skule Cannon made an appearance anywhere.

Details of the Band's existence for the next decade or so are at present somewhat nebulous. After that period Don Monro was leader from '61—'62 to '65—'66 with Frank Dixon fronting for him in '63—'64 while he was President of the Engineering Society. The LGMB's first two LP records were produced by Don. The first was recorded live on November 30th, 1962, at the mighty Cannonball; it had to be re-recorded. however, when the tape machine broke. It was a financial success but otherwise a disaster. The second record was made in 1964 and was a musical success and a financial disaster. Fortunately the LGMBash was devised by Don and it made a fortune. The LGMBash has unfortunately fallen by the wayside, as have many similar events at the U of T. In 1965 the Band took first place for brass and reed bands in the Kiwanis Music Festival (played in Massey Hall). Don says the Band was in trouble all the time with

everybody. His last caper made headlines when the LGMB attended the opening of the Bloor-Danforth line of the Toronto Subway (I should point out here that it is a well established fact that no event in Toronto is official without the LGMB in attendance). Unfortunately the opening turned into a closing and the Engineering Society was fined several thousand dollars as a result. Being an easily identified group, the LGMB was liberally blamed, even though they had nothing really to do with the electrical shutdown of the system. The most they did was enter the system without paying, but after all — why should the official band for an occasion have to pay to participate? It is only recently that the Band has been allowed to ride on the subway — the TTC officials even let us include subway concerts as part of our annual season concert programme now

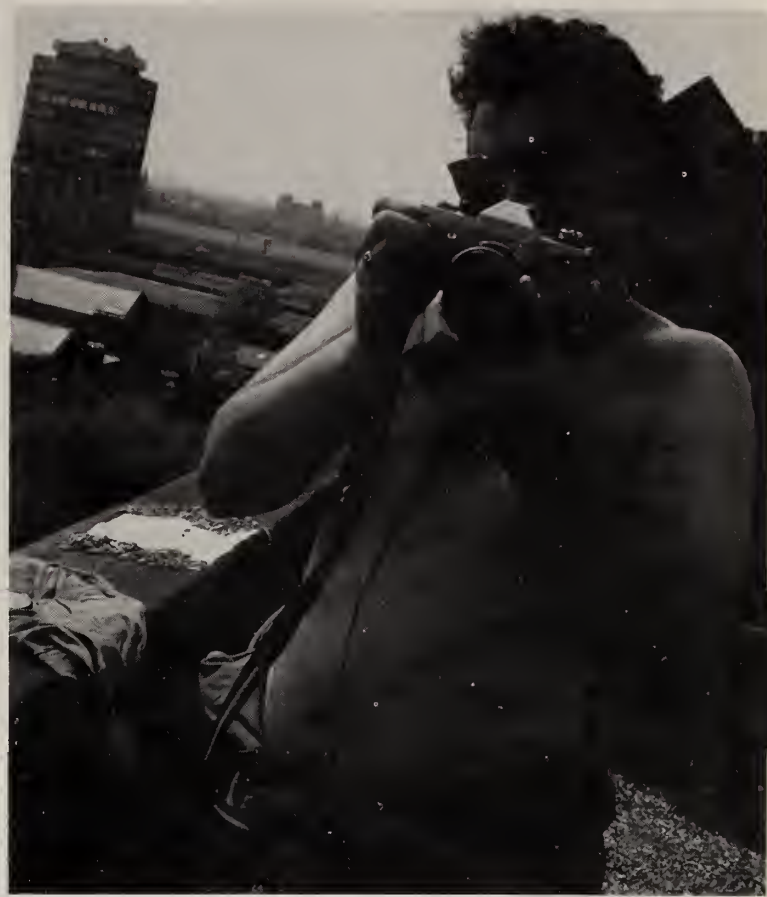
Bob Bossin (now leader of Stringband) was leader during the '66—'67 Skule year. Being enrolled in the faculty of Music, Bossin was able to pad the Band with many ringers, although we don't view them as such now; the LGMB is much more the U of T's band now and membership is open to anyone. The third record was Made by Bob (a quasi-centennial project) and it included another prize-winning performance recorded live at the 1967 Kiwanis Music Festival.

John Pullam Led the Band during '67—'68, and the big highlight that year was a trip to EXPO 67 — they were even invited to be there. Is nothing sacred? The Band also made a movie that year (strictly Super—8).

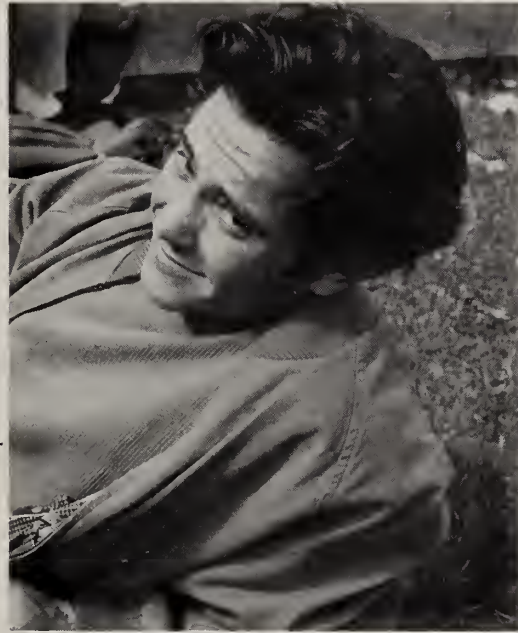
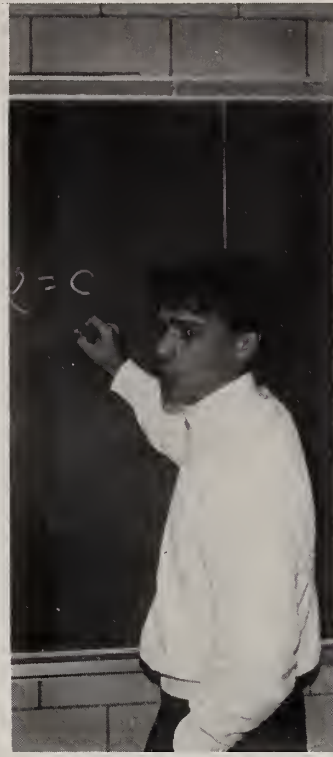
It should be rather obvious to the reader by now that there are huge gaps in this chronology. I have not omitted material; I simply do not have any more yet. For some inexplicable reason, getting old LGMBers to talk about their days with the Band is like getting blood from a stone (or intelligence from an Artsman). If prodded enough though, they do give in.

THIS DOUBLE PAGE
WAS TAKEN FROM
PARTS OF THE '76
SKULE™ BOOK.















B.F.C.

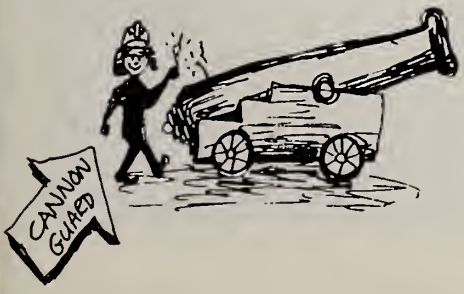


The Meaning of Skuletm



PART V:

THE ENGINEERING SOCIETY



PRESIDENT

Greetings from Gilligan's Island! The council and those connected with it have done some truly excellent work this year. It takes a special kind of person to sacrifice oodles of their free time for the betterment of their peers. Quite often, hours of hard work go completely without notice. At the end of the day, the only real payment one can expect is being able to say, "I done good." There's also one more line to go on a resume. Some reward. So if you're wondering why we do it . . . It's actually fun! Just realize that when these folks get out into the workforce and are actually working with other people, they will have the advantage of already having learned some of the most important lessons in how to get things done. So for all of you who were content to sit back and let others run the show: you missed out on a lot of good times. And for those of you still in school, get off your butts - this is your last chance to have some real fun before you find yourself on the dreaded one-way street . . . job -> marriage -> home -> family -> retirement -> pushing up the daisies.

So just ask yourself this question: In twenty years' time, will I be able to look back at my university days and say, "Now, that was living," or will you instead say, "How could I have pissed away the best years of my life?" I don't think I need to tell you my answer.

Chris - This is the message to go with the other occifers massages.



Alex "Gilligan" Chapman



VP ACTIVITIES

"Vice President: Activities" is quite the title for this position! The purpose of this position as I have come to understand it, is one of organizer, coordinator and trouble-shooter. I have been exposed to extraordinary experiences that have opened my eyes and broadened my education. This has been a year that I will not soon forget.

The highlights to be remembered, for those of you reading this and wanting to reflect, are: the CLIFF DrIVING during Orientation Weekend at Hart House Farm, Orientation (say no more, a nudge is as good as a wink), Flrosh Nite, the Women's Committee Wine & Cheese, UofT Day Homecoming, Shinerama bed races (CIV's Rule) the Mighty Skule Cannon blow-out in Hart House at the Alumni "Bash" reunion, Mike Stevenson's powerhouse Rugby Squad, Shari Langdon's improving Engineering Men's Tackle Football Team, Oktoberfest (WOW!), Hallowe'en, Godiva Week (the Flrosh Chariot, bah hah hah), Cannonball, Christmas, the new and improved SUDS, the EAA's "S" Dance, Hockey Tournament's, Ed Bonner's Skule Nite, Skule Stage Band, Justin Bolwer's non-existent, non-creative, non-parting BFC (which does not exist), and again the Flrosh Chariot (bah hah hah).

This years Activities were highlighted by the dedication of people like Julie Wilkinson (GOD), Sylvia Boller (EAA Prez), Chris Hiscock (Blue & Gold Chair), Davida Mario Vendramini (Social Chair), Nicole Shinya (Employment Chair), our ultimate "shmoozer" Rich Petrusev (SUDS Manager extraordinaire) and to the many people from all classes that took the time and made the effort to create a year of fun for those who participated. "Thank y'all for yer support."

Andrew Steeper



VP EXTERNAL

(AKA Brian Campanotti)

This past year has been very successful in terms of the fulfillment of my mandate, "To spread the good news of the mighty Skule™ to common-folk around the world". Through events such as Godiva Week and National Engineering week we showed that the engineering spirit has not died (unlike that of the rest of the university).

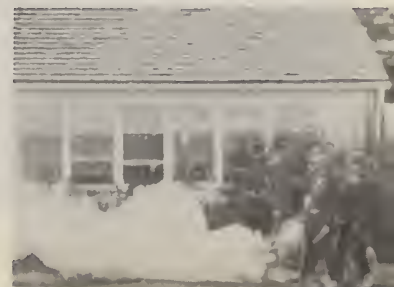
One of the major highlights of our annual Godiva Week was the revival of the ancient annual secret tradition of the GANGBANG! (after a 10 year lapse). Our mighty cannon guard united to compete against the frail competitors from a place called Rye-high in a full BLOWN! competition.

National Engineering week was also a high success with a lot of money raised for charity, and much fun had by all who participated.

As another part of my mandate, we sent undergraduate representatives to the four major engineering conferences this past year: the APEO conference in London, the RESSA conference in Ottawa, the EPDC conference in Kingston, and the CFES conference in Montreal. Each delegation was required to submit a report to me which summarized the main points of the particular conference they attended. I asked each delegation to prepare this post-conference report to help justify the money the Society spends each year sending these people as representatives of Skule™. In addition to justifying these expenses, we also now have a file which summarizes each of the conferences' activities and major points. This information is available to all society members upon request which highlights one of my major beliefs - accountability to the members one represents.

Under the competent leadership of Sam Nassif, we also saw a resurgence of the University of Toronto's involvement in Project Magazine after a lapse of many years. We submitted many articles to this national engineering students' magazine dealing with subjects such as our common engineering symbol of Lady Godiva, information on our committee on the Climate in Engineering, and other general interest pieces - Bravo Sam! I would like to thank all of the undergraduates for giving me this opportunity to represent the oldest, largest, and best engineering society in Canada - LONG LIVE SKULE™!

Brian Campanotti



SECRETARY

Being the sort of person that goes into a sweat when asked to sign a friend's yearbook, the first thing I did when asked to do a write-up for the yearbook was to see what everyone wrote last year. As this is something that everyone will read for years to come, it should be memorable and witty and basically what was written last year. Boy, was I in trouble when I realized that all the Officers last year were graduating! Now I had nothing to write that made sense. Of course, I could put down that I was looking forward to finally graduating after four long years, and that by the time everyone read this I'd be tapping my iron ring on any available surface and in general annoying everyone who wasn't in fourth year (especially the students in third year who went on PEY) but I'll be back next year (God and this faculty willing) and my friends in fourth year will be annoying me by tapping their iron rings when this comes out.

Even though I'm not graduating, I'd like to thank my best friends who helped me through three tough years by keeping me sane: Thomas, Barb + Brett, Shari, Marc, Joseph, Chris, Andrew, Camber, Brillany, anyone else that I forgot in the few seconds it took me to think that up, and, of course, the Back Row Boys in MECH 9T3! I may not belch like a pig or enjoy playing The Official Hand Held Game of Mech 9T3 (that's Game Boy, folks), but these are the guys that I couldn't have survived without. Thanks, guys. In the words of the immortal Rich: Xi, Xi, Xi.

Oh yeah. Have a great summer everyone. May the (work) force be with you.

Michelle Radford



VP FINANCE

What a year, 1991!!! What is ENG SOC, who are the officers, and where does all our money go? These are some of the questions that I can now answer with new insight and with a different perspective than I had last year.

I don't care what anyone else says; in my opinion the Engineers at U of T are great and they have a lot of spirit. I am proud to be an Engineer and to represent them on council.

Your money was in good hands this year. I had a wonderful time spending it!! Thanks to all the other officers who I had a great time working with.

Bernadette Comiskey



THE SPEAKER

November 1, 1991 Chris: Here is my submission for my space in the SkuleBook. Sorry it's a little late.

TEXT:

The Speaker Well, what can I say? It has been quite the experience serving as the Speaker of Eng Soc Full Council. Special thanks for the year must go to the following:

- to the Executive (mainly for the donuts...),
- to Mr. Robert (for Robert's Rules of Order, without which I would have probably not known how the hell to run a meeting),
- to the Mechs at the back for all their valuable input (NOTI) during the course of the term,
- and especially to the Council for their time and patience. As you know, the Speaker cannot express personal feelings in matters before Council during a meeting; yet, I am pleased now to have the last word: GEO RULES!

Meeting adjourned!

Brian Scholz, Speaker

THE SOCIAL COMMITTEE

NB. THIS WAS WRITTEN BEFORE ANY OF THESE EVENTS ACTUALLY HAPPENED, BUT WE'LL PRETEND I WROTE THIS AT THE END OF THE YEAR.

Well, another year has gone by and it sure has been a good one. The Social Committee was hard at work doing our part to make it so. Between organizing the events and going to them, I had hardly enough time to go to lectures (therefore, I went to hardly any lectures). Oktoberfest was a smashing success! Three (four?) buses of courageous Skule wo/men made the trek to Kitchener to worship the gods of barley and hops. On the trip home, many of these same adventurers worshipped Ralph, the porcelain god (I'm sure I was one of them). In any case it was good to see so many Engineers polkaing, singing, imbibing, and having an all around fun time. I pity those of you who missed it.

Then again, there's always next year.

The Cannonball was no less exciting. This year the event was held in the Northern Lights Ballroom at Skydome. The location itself was enough to make the night memorable. We ate and danced all night (or at least until 1:00am). I'm still curious to know if someone turned into a pumpkin afterwards. In the end, it was definitely a night of memories. Other fun-filled events which occurred during the year were the roadtrip to the Rox (or maybe not), Lulu's (or maybe not), and many others that I don't have time to mention. I hope that you, the men and women of Skule enjoyed yourselves as much as we enjoyed ourselves. Have a good one,

David Vendramini,

Social Committee Chairman





FIRST YEAR COMMITTEE CHAIR

As the first year Chairman Chairperson I have been told to write up a small description of my job and what I am supposed to do. Well, truthfully I don't know, but it has not stopped me so far and I believe I get an orange hard hat to boot. I gather that there are a few small duties involved. The first would obviously be representing the frosh, those being of the most incredible year of 9T5, at Executive meetings as well as the other ever-so-exciting Eng Soc meetings and the list of meetings goes on I'm sure.

Anyway, now that I've finished describing the exciting parts, I shall continue with the next responsibility - the Chariot race. Yes, this year, the Frosh Chariot is going to win the race (not!!!). This year, I get to be the lucky person who gets to organize the construction of the 9T5 Chariot. Then I have to find somebody crazy enough to ride in it. The last thing that I can think of is that I am not responsible for not organizing any non caper that is not done in the name of the 9T5 Frosh. Other than this, I just sit around permutating with peoples vector spaces or I derive the change in volume of BEvERages as they approach my stomach. All of this work is supposed to somehow get people out and take part in SKULEtm.

On top of all this, it is said that I should thank some people, so here it goes. Thanks to my mom and dad (typical), to all of the people that helped me whip this off at the last minute (no names because they would fight over who's name should be first). Thank you to those that have made this first year as much fun as it has been, also to the Hodge Podge Lodge (for having a lock that is easier to open when one does not have all of one's sense intact), Tilley co. (have to know me), Flash (the wonder dog who weighed in over sixty kg at the scavenger hunt) and finally to any Prof. that is kind enough to let me into second year. I think that concludes my thanks, so I hope the year 9T1-9T2 was as much fun and enjoyable for you as it was for me.

Andrew I. Hodge



Blue & Gold

I did not scribble this down at the last minute because Chris Barnes had a deadline to meet, and the fact that I had been extremely negligent (ie. not handed this in on time) had nothing to do with the poor writing and grammar of this official "Blue & Gold" Report. You saw, Chris Barnes specifically asked all the people who were to write in the yearbook to write in the past tense. I had a bit of a problem with that, having saw that not all the Blue & Gold events had taken place yet. All I really could had told you was that Homecoming was fun. The Engineering Homecoming Float came in second place and our picture were put in Maclean's Magazine (wow!!).

I couldn't said anything about Godiva Week because I did not knew if it was gone to be called "Godiva Week" or not. Well, anyways, I was certain that it would had been a smash, regardless of what people would had said. Anyways, I was sure the year was a blast and I thanked everybody for their helped in makeds the year a blast.

Chris Hiscock,

Blue & Gold Chairthing

P.S. Hey Chris, in future, please do not ask us to write things in past tense. It was very confusing to write.



Engineering Liaison

Established in 1985, the Engineering Liaison Office markets U of T engineers to prospective employers. The Office is committed to giving U of T engineers a competitive edge over engineers from other universities. Specifically, we work to increase the number of permanent and summer employment opportunities available to U of T engineering students.

We organize Engineering Career Day which brings thirty to fifty employers on campus loaded with information about engineering employment opportunities. We publish a newsletter and articles (in the ToiKe) full of information about engineering employment. Finally, we work closely with the Student Employment Chair (Nicole Shinya for 91/92) to make engineering students aware of employment opportunities.

1991/92 provided a number of new challenges for this office. In addition to adjusting our marketing strategy to cope with the effects of the recession, we worked to inform students of the changing job market and helped them modify their job search strategies accordingly. In spite of the economy, we managed to attract 35 firms and over 1500 engineering students to Engineering Career Day '91. We changed the format of the Liaison Newsletter, Career Trends, to improve its readability and article content and relevance. In addition, the Engineering Liaison Office marketed U of T engineering students to over 2000 companies.

For those of you graduating this year, I hope that the efforts of the office, and the Career Centre, have been of assistance in your job search. Those of you who are still job searching, please take the time to visit the Career Centre and take advantage of all that we have to offer. Explore the Career Centre's seminars, panels, library resources, Extern Program, and employment services. We're just across the street, so drop in for a visit.

Finally, to those of you who will be graduating next year... **START YOUR JOB SEARCH EARLY!**

Terry Johnston



EMPLOYMENT COMMITTEE

The 1991 - 92 school year was another successful year for the Employment Committee. Our first event, Engineering Career Day, was a great success. Over 32 employers and over 1500 students in were attendance. The summer Job Search Fair and the Engineering Job Search Seminar were successful in introducing students to all the activities the Career Centre has to offer. Our Engineering Employment Liaison Officer, Terry Johnston, worked hard to market the skills of University of Toronto Engineering students to over 2000 firms.

The members of the employment committee hope that our efforts have been useful in helping you to find a job in your chosen career.

Chris: I still need a picture taken, but I forgot to arrange it with the photographers. I'll get it taken and get them to give it to you when it's ready. Thanks

Nicole Shinya



PEY

Last May (1991), 91 students in both second and third year started their PEY jobs with various companies across the country. In the next 16 months, these students are looking forward to getting some good industrial experience, getting a break from school, and of course, making some bucks. In September, 106 students returned to Skule after 16 months of PEY. They came back with a wealth of experience about the 'real world', an eager outlook towards resuming their studies, and (for some), lots of money.

If you don't already know, PEY is the co-operative education program at UofT. Offered as a non-compulsory option for students completing either their 2nd or 3rd year of studies, the PEY program has led the way in 16 month Internship Programs in universities across the country. The 16 month commitment period offers the student both an introduction to the workings of the real world of engineering, as well as the opportunity to gain valuable experience in related areas of business such as the development of interpersonal, oral and written communications skills, report writing, seminar presentations, and even supervision of students who work the traditional, short 4-month work periods (ie Waterloo students).

Some of the participating companies include IBM, Atomic Energy of Canada, Bell Northern Research, Du Pont of Canada, and General Motors.

Hopefully, by the time you read this, the PEY Club will have become a fully functional affiliate of the Engineering Society, with a chair and executive committee. Although the PEY club will coordinate many activities with the PEY office, we will be a student run club operating independently of the administration. Our mandate is to promote the PEY program and provide support to PEY students, both past and present. Activities planned in the 1991-92 year include a PEY smoker to provide interested students an opportunity to talk with past PEY students in an informal setting, and monthly mailouts containing Skule and university news and the latest Toike to current PEY students.

For more information about the PEY program or the PEY Club, contact the PEY office in room B740, Sandford Fleming Building (978-3132).

Matthew Ng

PEY Committee Chair



Gratitude 9T2

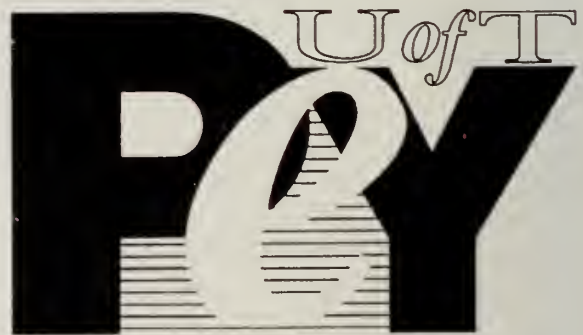
Gratitude 9T2 refers to the leaving class gift to the Faculty of Engineering. The proceeds from the gift are used in the purchase and maintenance of undergraduate lab equipment in our Faculty.

Last year, the class of 9T1 pledged almost \$110 000, with 73.5% of the class participating. The Chemicals, MMS and Geos all had 100% participation. This year's campaign goal is \$150 000, with 100% participation in all departments.

Even though we already blow away other faculties in terms of funds pledged and participation (because we get jobs when we graduate), I think we can do even better. In fact, with the increasing government cutbacks and freezes of educational funding, Alumni (that is, us next year) play a key role in the funding of future engineering students.

This year's leaving class pledge is expected to be an enthusiastic show of support for the quality education received in the finest engineering school in Canada. Think of it as carrying on the incidental fee of \$100 per year, or 27 cents a day, or four cases of beer.

Doug Pinto



EXECUTIVE SAC DIRECTOR

Responsible change through Responsive leadership was the goal of Students' Administrative Council (SAC) during the 1991-92 skule™ year. By achieving this goal, SAC brought together every aspect of the U of T campus. It provided university wide social events and services, representation on all university wide committees, and opportunities for students to get involved with other universities, the Federal, Provincial, and Municipal levels of government and the local community.

From SAC's initiatives like promoting teaching excellence to the more fun stuff (free films, orientation, Blue Bowl Bash, concerts at the SAC Hangar, New Years/Reading week trips, Awareness weeks, Speaker Series, the Great Spirit Challenge, Homecoming, etc...), there was never a dull moment in the SAC Dome. Things to plan, fight, support, protest, organize, and promote were in abundance as ideas, initiatives, opinions, and conceptions flooded throughout all our minds.

Proving that actions speak louder than words was no easy task. But it sure was fun!

Jo-Anne Mosselson



High School Liaison Committee

The High School Liaison Committee this year has done a few things to get more high school students aware of the engineering profession. These things included Flrosh- For-A-Day, high school visits. Flrosh-For-A-Day was a success with about one hundred high school students coming to the faculty of engineering to spend a day with a Skule(w)man. Most of them enjoyed it and found it helpful. (I know because they filled out a survey at the end of the day.) It was also nice to see many of the students who participated in the program last year as high school students here this year as real Flrosh. All you who were not involved with the committee and saw those ultra-cool shirts we had and wondered what was on the back, IT'S A SQUID! You see, we don't want squids here, but whales and dolphins are fine.

We will be going back to our old high schools, or somebody else's if we damaged ours beyond repair and they have a bounty on our heads. We will be doing this during reading week and I know it's going to be a success even though it hasn't happened yet. How do I know this you ask? The dolphins told me. Thanx x 10⁶ to all those who helped out, and those who wanted to help out, but had too many tentacles. Good luck to next year's committee, and have fun.

Selda Sharifi-Rad



SUDS

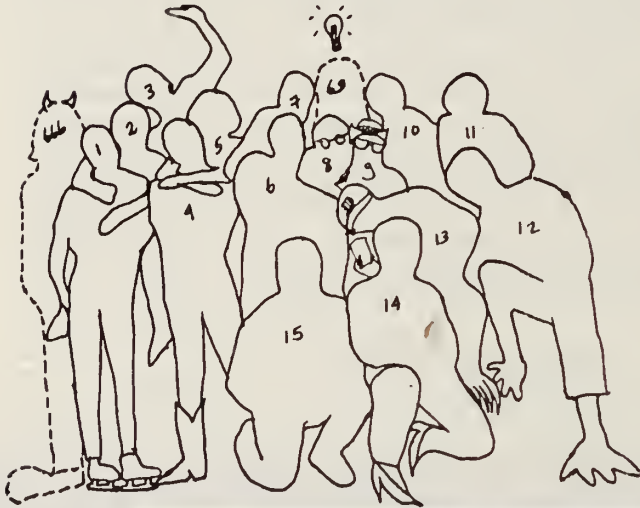
Well, this year's theme at Suds was change: new logo, new staff and new equipment. Some events turned out with great success, while others weren't so hot. We would like to take this opportunity to thank Julie, our incredible office administrator, our incredible staff and last but not least YOU, the loyal Suds patron! Thanks for coming out this year.

Best of luck to next year's managers, we wish them continued success.

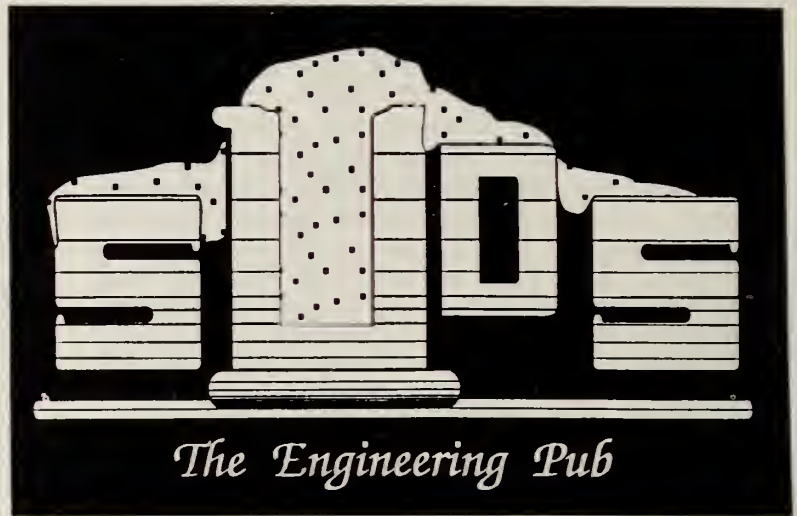
Rich Petrushev Christine Gallager

Mech 9T3 Chem 9T4

Suds Managers



1. Martin "I'm Not Playing Metallica" Schumann
2. Shannon "Chicky" O'Connell
3. Justin Bowler is a knob
4. George "Bert" Vujvonic
5. Ivana "I Want My Duck" Strgacic
6. Ed "Mama's Boy" Dobbertin
7. Leslie "The Navel" Hammond
8. Patrick "They Call Me Bruce" Lee
9. Andrew "Lush Floosh III" Hodge
10. Brian "Hey, I'm a Geol" Scholz
11. Christine "Lush Floosh I" Gallagher
12. Chris (not his real name) Hiscock
13. Dave "I Want a Canadian" Vendramini
14. Henry "Dr. Corel" Pedro
15. Rich "Ernie" Petrushev
69. Lillian "Internal Affairs" Kulhanek
666. Andrew "Satan" Scott



SKULE™ STAGE BAND



The Women's Committee

One of the main accomplishments of the Women's Committee has been to clearly establish our objectives as a committee. We started off the year with a very successful wine and cheese during orientation week. There, we introduced the committee and our objective to concern ourselves with any issue relating to Women in Engineering, and made note of the \$500 contribution the Engineering Society pledged to the Walksafer Program. In consideration of the concern for Women's Safety on Campus, the committee also completed a safety audit of all the engineering buildings.

One of the other objectives of the committee was to focus our attention outside the university. This included working with the high school liaison committee in encouraging women high school students to consider engineering as a career and also developing a relationship with women in industry. By learning from each other's experiences, the Engineering Women's Committee has included women engineers at U of T in a larger network of women in our profession.

I, as chair of the committee, would like to thank the men and women who have been active on the committee. We, as a committee, hope our accomplishments will benefit all women in Engineering.

Deborah Berger



Fourth Year Committee

FINALLY! It's over! Our gruelling, painstaking ordeal is over! Or is it? I hear the worst is yet to come. But no matter what awaits us in the future, we can look back on the last four years (or five or six, as the case may be) and remember the good times we had during those days through which we struggled.

Grad photos in September sure gave you that last bit of motivation you needed to get to work (yeah, right - cool hoods though). The iron ring ceremonies were held on March 4 and 5, 1992 (it was about bloody time). And then there was Grad Ball. Grad Ball 9T2 was a party to top all events! It was held at the Royal York Hotel on March 21 (yes, they let us back), no fire alarms were set off by the Mighty Cannon and the LGMB graced us with its presence once more. Everyone looked spectacular; I never new how good some of us can look when we concentrate on something other than exams (...or plant design, eh guys?). A special thanks to everyone who helped make this night so great.

I'd like to wish all the grads every success upon graduation. And especially, to everyone who persevered through plant design, thanks for the memories.

Kathy Zalewski

Chair, Fourth Year Committee



Climate Committee

The Climate Committee was created by the '91-'92 Eng. Soc. Council. The purpose of the committee was to examine various activities, practices and traditions of the Engineering Society in order to determine if any were sexist, racist or homophobic in nature. As well the committee proposed possible solutions to identified problems. The Godiva Forum, organized by the Climate Committee, resulted in a referendum on whether or not to remove Godiva.

Alex Chapman (chair)

Deborah Berger

Brian Campanotti

Hilary Freitas

Heather Harkness

Roland Hendel

Jo-Anne Mosselson

Remo Pallotini

Rich Petrushev

Doug Pinto

Selda Sharifi-Rad

Melanie Smith

Andrew Steeper

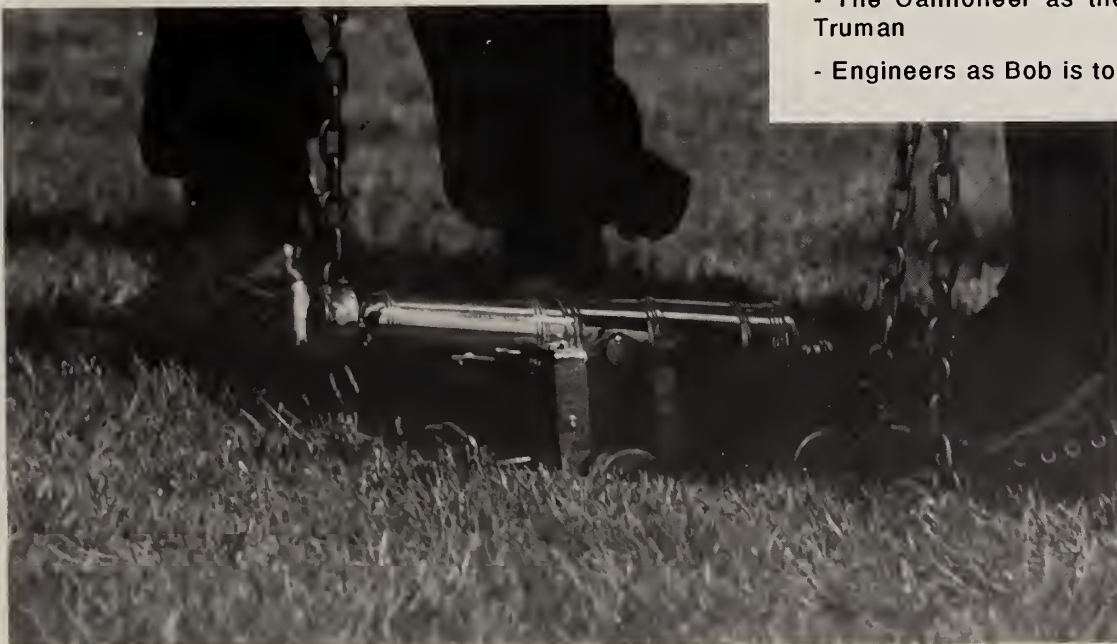
Elliot Weisberg

Bill Woodside

Engineering Stores

Manager: James Phillips

Write-up: not available



Professional Development Committee

The Professional Development Committee is responsible for educating future engineers as to what lies ahead for them in the "real world". Usually speakers are invited to the University from industry to discuss their experiences.

This year, the Professional Development Committee attended the Engineering Professional Development Conference (EPDC) held at Queen's University. It was interesting to discover the many issues facing today's engineers, eg. the environment.

Another responsibility of the Professional Development Chair is that of ESSCO rep. (Engineering Student Societies Council of Ontario). ESSCO's mandate is to provide a common medium for all Engineering Societies in Ontario while also educating the general public on what's available, as engineering goes, in Ontario.

Finally, the Professional Development Chair also looks after the Ontario Engineering Design Competition (OEDC) entrants from across the province, from all disciplines enter this huge design contest in hopes of advancing to the Canadian Design Competition.

Gina Mollicone,

Professional Development Chair

THE CANNONEER

The Cannon, Symbol of Engineering at U of T, is to:

- the Engineering Society as Batman was to Commissioner Gordon
- its enemies as Robin Hood was to the Sheriff of Nottingham
- artsies as the Theory of Relativity was to Woody on Cheers
- The Cannoneer as the "Manhattan Project" was to Truman
- Engineers as Bob is to Doritos

RESPECT IT
HONOUR IT
PROTECT IT



Bnad Bleedur's Message

Well, it's been a banner year for the LGMB.

Following a number of appearances cheering on the AAAAAAAAAARRRRRRRGOS, we launched into a momentous Orientation Week. The Late-Nite Residence Concertos in H-Flat were met with customary admiration/indignation, with one injury sustained during the recovery of a hardhat stolen by a fiendish artsie. The firosh welcoming performance met with booming approval.

Shinerama was a massive success. The Eaton Centre security staff was so overzealous as to prevent the Bnad from even occupying the sidewalk in front of the building. However, this was all but forgotten when we paraded forth in all our glory onto the Trading Floor of the Toronto Stock Exchange, led by a large and jovial trader who evidently had aspirations to be the leader of a marching band. We exited with bulging coin boxes and a newfound crop of admirers.

The Hart House Farm Semi-Annual Bnad Practice was excellent, in spite of the fact that I managed to leave behind all of the sheet music. Ahh, it probably would have only gotten soaked in beer anyway . . . thanks to Martina for providing delightfully unpredictable crash cymbal interjections.

The usual assortment of football games was graced by the Bnad's presence. Particularly memorable was Red and Blue Bowl, where blood-alcohol contents reached a record high and performance ability reached a record low. The Homecumming Game was a success, even though a pre-emptive emergency Bnad Room relocation proved unnecessary because the Impostor Bnad had already been and gone without my knowledge. A most triumphant Vanier Cup was highlighted by a jam session with sundry members of the Western Mustangs Band, the Queens Marching Band, and a couple of others who were unidentifiable through my alcohol-induced haze.



Other superb appearances of the year were the Argos Victory Parade, the SDM Toronto Marathon, the Metropolitan Toronto Junior Board of Trade, and the Homecumming Alumni Reunion (featuring an earth-shattering cannon blast which also took out a few windows and set off a smoke alarm). One dismal failure, it must be said, was that birthday party for some unknown non-engineer in a ritzy North York mansion. Sufficed to say that, while they apparently enjoyed our performance, the overwhelming absence of provided refreshment was rather disappointing for an all-too-sober Bnad.

Godiva Week started with a most rousing Resurrection. The Chariot Race was replete with brutal violence, and the Opening Ceremony of the new-and-improved Mining Building provided a pleasing substitute for the GnagBnag, which had to be canceled as Ryerson couldn't locate their cannon (hurting!!). The Funeral and Wake were rather subdued, but were more than offset by a mighty Cannonball which featured our newest song, "Symphony No. 69 in B Flat" and the announcement of our new Baby Bnad Bleedur Joel Alo, and our Drum Minor Brian Scholtz.

Swiss Festival, the St. Mike's Hockey Playoffs, and Gradball were excellent, according to my crystal ball.

And to Alan Teare (Jr. Bnad Bleedur), Joe Aguinaldo (Drum Major), Joel, and Brian: I know I leave the Bnad in capable hands. Thanks for everything.

Arrivederci and Tierra Del Fuego!

Alex "Gilligan" Chapman





Eng Soc Office

My Fourth Year draws to a close. I can't believe I've been here this long! Unfortunately, there'll be no Iron Ring for me, but the year has been another memorable one, as usual.

Juggling journalistic activity and Eng Soc has been difficult, but thankfully Christina has been able to bail all of us out while I went jet setting to Frankfurt, Tokyo and Los Angeles, to mention but a few!!! Alex and Co. have done an excellent job dealing with the trials and tribulations which mar the smooth running of Eng Soc and our activities. Hopefully their example will be inherited by future officers. The "Winds of Change" are more like a hurricane as students endeavor to better represent Engineering to others.

Justin - the paint smells awful - please don't leave it to dry in my office again! Computer time is in high demand as always, with a line up of people waiting to laserprint, so I'd better finish this quickly and pray that the machine is in good form! If I have to fix it one more time, I think I'll scream!! - that goes for the photocopiers too! It remains only for me to wish all the best to this year's graduates and see you next year to those returning. I hope your memories of the last year are as good as mine.

Julie Wilkinson

Administrative Assistant

FACULTY COUNCIL & ACADEMIC AFFAIRS

First of all, I would like to thank all Faculty Council representatives for their time and effort this school year. Special thanks go out to all those who helped out with Fac. Council committees, and those who devoted time to the Academic Affairs Committee. Particular thanks go out to Ron Chaudhuri, who assisted me out throughout the year, as well as to Sandra Silveira whose insight proved indispensable.

Over the past year, many issues were dealt with by both Fac. Council committees and the Acad. Aff. Committee. Of particular interest was the quality of education here at UofT. Much committee time was devoted to this subject, in the ultimate goal of improving standards not only in Engineering but across the board. Thanks again to all Faculty Council Reps and have a great summer.

George Hollett

Skule™ Nite 9T2

Michelle Radford
Producer

Jason Pilon
Associate Producer

Ed Bonner
Director

Josyf Bilaniuk
Stage Manager



Well, if Chris has his way, you'll be reading this about the time Skule Nite 9T2 is performing in Hart House Theatre. If that is the case, and you haven't bought a ticket yet, GO AND BUY ONE!!! This is the best show on campus, and as we're celebrating the twentieth show of the current run, it would be a shame to miss it.

Now that I've done my producer bit and pushed the show, maybe I should assume that you're reading this after the show has closed. From what I've seen of the rehearsals, the show is going very well. Obviously, I'd like to say 'the show was a great success and all the actors were approached by talent scouts for Broadway and are now performing in New York', but I feel kind of stupid speaking in the past tense when for me the show will be taking place in the future. So now I'm stuck for material.

I'd like to thank all those who helped with set construction, script writing, choreography, vocal direction, sound, lighting (boy, is this getting long, but I don't want to make anyone feel bad by leaving them out), promotions, and Ed, Josyf, Thomas, and especially Jason, without whom the show wouldn't be happening. I'd also like to congratulate the cast, crew, and band for a performance well done!

For those of you who want to get involved in the show, we've already started working on Skule Nite 9T3. If you have any material you think would be good for the show, or even an idea for a sketch (believe me, the ideas are the hardest part to come up with), then put them in the Skule Nite mailbox. We'd be very grateful, and you'll wind up with your name in the program!



Michelle Radford



COMMUNICATIONS CHAIR

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- -
- -

RAJKO KRMINAC

ELE 9T1+P

P.S. . . _ _

(Whatever you say. - Ed)



HANDBOOK EDITOR

I don't know what to write so I will write only x lines. Hello. My name is Selda. I was editur of the handbook. I prefer simple sentences to complicated ones. Most of the time. Flrosh handbook is now done. It took many hours, actually, many days, well OK, weeks; months? Everything worked out fine. The cover didn't work out fine. The colour of the cover was wrong. It was supposed to be a different shade of blue. Much thanx to everybody who helped. I hope all you Flrosh got one. I hope all of you who got one read it. I hope all of you who read one liked it. Please don't tell me if you didn't like it. If you are an upperclassman, or one of the unfortunate Flrosh who didn't get a Handbook, I would like to extend my deepest regrets; you really and truly missed reading one of the best literary pieces this faculty has ever seen!

To the person who is editur next year, I say this: HA. and goodluck.

Selda Sharifi-Rad





Toike Oike



Well I must say that this year has been an interesting year. Many things have happened and to name them all would just constitute as babbling dribble, which is an artform that I have perfected. But as I look back as the Editor-in-Chief 91-92, I can say that I have accomplished something: eight editions of the Toike Oike. None of it could have been possible without my trusty staff who diligently pumped out articles and crazy ideas one after another. Without their constant help there wouldn't be a newspaper. You wouldn't believe all the nagging I had to go through to get people just to hand these things in. (Oh yes I would! - Ed.)

Thanks go out to everyone! Good luck to next year's Editor because you'll need it. (This person isn't as of yet chosen because Chris wanted this before the new year!)

That's it!

Ivana Strgasic Editor-in-Chief

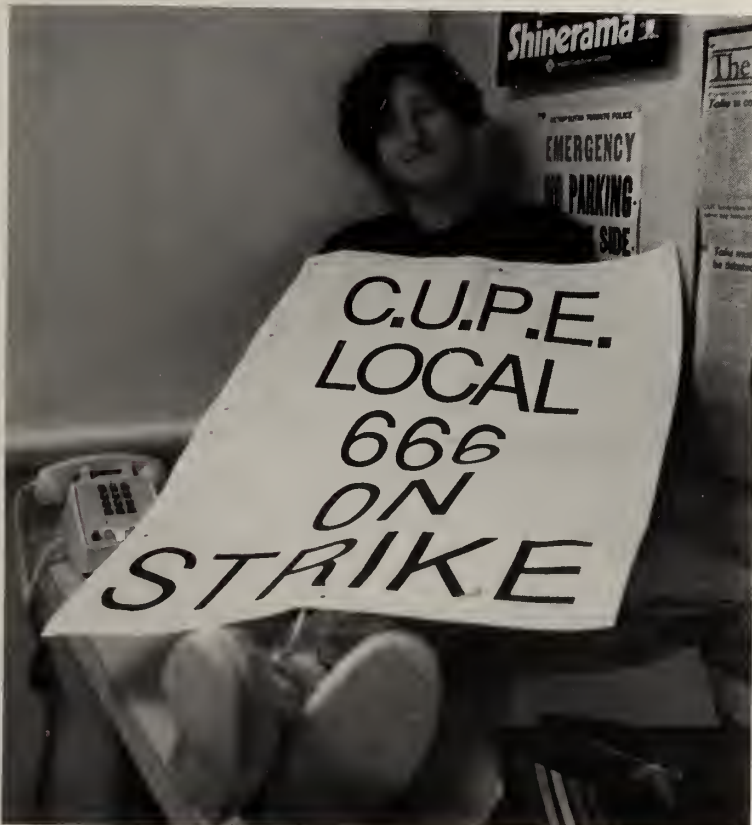
Assistant Editor: Aviv Gladman

Art Direktor: Enrico Vonghia

Subscriptions: Julie Wilkinson

Staff: Selda Sharifi-Rad, Ross Rock, Justin Bowler, Cris Hiscock, David Vendramini, Chris Barnes, Edward Dobbertin, Lillian Kulhanek, Nick Dinads, Mark Downing, Mark Blernaki, Andrew Hodge, Jamie Hodd, Saudia Lone, Shannon O'Connel, Leslie Hammond, Dean DiPietro, Elliot Weisberg, Alex Fung, Linda Kudo, Mike Kokkas, Mike Starogiannis, Ana Brito, Verb, Derek DeVries, and anyone else who helped consume the free beer and pizza.

Darkroom trolls: Henry "Corel-it" Pedro, Patrick "Bruce" Lee, Victor "Fishsticks" Krizstics



Will the real
Toike Editor
please
stand up!



The Cannon

Well I hope you enjoyed the cannon this year. I managed to top last year's number of issues (mind you five isn't too hard to beat). Some people have suggested that the paper's name should be changed to "Anne-Marie's Personal Bitch Newsletter". (Hey Dave I resent that!)

Now that you have my picture I would like to avoid lynching so therefore I apologize to the smokers, the TTC worshippers, and the faithful cafeteria patrons. Thanks to Dave (same as above) for his laser printer and new Cannon logo. I hope the crosswords and the humour (I thought they were funny) were a source of delight (NOT!). Good luck to next year's editor! Note: Heron's Law states that a person will always give you something to publish after the Cannon has already been printed!

TTFN (Ta ta for now!)

Anne-Marie Heron, Cannon Editor

P.S. Don't blame me, the budget only allowed me to print 500 copies.



La Archivist's LA COLUMN:

Hello, my name is Guillermo Arboleda (no don't even try to say it) but everyone around here knows me as Bill. As the Archivist I had the Honour of visiting the engineering Archives, the vast depository of knowledge of the really important history - Engineering History!! Well enough indulgence for one day...

O.K. let's see, oh yeah... Did you know that among the many practical stunts that Engineers were known for, one involved a group of Skulemen boarding the trolley car (by the way, did I mention that this stunt was carried out circa the 1920's), well, as I was saying, some of the Skulemen would go to the rear of the trolley and pull on its rear brake, thus halting the trolley. When the conductor would go to fix the rear brake, the rest of the Skulemen would then proceed to unhitch the horses (the trolley was pulled along its tracks by a team of horses). Once the conductor began to chase after the horses, the Skulemen would then proceed to lift the trolley off its tracks...

LA HISTORY LESSON: 1991 marks the 70-year anniversary of the Skule Nite tradition. The Comedy Revue tradition was originally popularized by the Meds, but it was the Skulemen who in March of 1921 marked the beginning of Comedy with the introduction of SPaSms. The first Skule Nite was held in Massey Hall, and by 1923 the Revue was moved to Hart House, where even now the tradition continues. The reason for the move from Massey Hall to Hart House was to allow women, who were not allowed in Hart House except on social occasions, the chance to see the House in its full splendor...

LA RESULTS OF THE GANGBANG ARE HERE!!! The Gangbang against Ryerson Engineers held in 1971 resulted in the Engineers as the True Blue Winners. By the way, a Gangbang is defined as a contest between Cannons, for loudness and overall impressiveness.



LA INCREDIBLY CURIOUS FACT: The L.G.M.B. (Lady Godiva Memorial Band) often introduces itself as the "World Famous Triple Prize Winning, Quadruple Record Setting, CN TOWER/EATON CENTRE/ROY THOMPSON HALL Subway Opening AND Subway Closing, Lady Godiva Memorial Band!" The L.G.M.B. also prides itself in its ability to be at the right place at the wrong time. Such was the case when the L.G.M.B. attended the 'official opening' of the Bloor and Danforth subway line. Unfortunately the opening turned out to be a closing and, the L.G.M.B. being the most easily identifiable group in the crowd, was fined \$1000 as a result. ...Oh the crazy kids....

Bill (La cool Archivist dude) Arboleda

SKULE™ BOOK 1992

The Meaning of Eskay Euellitea-em

Here it is! The Yearbook you've been waiting for. It is the product of much hard work from many people. It is the devotion of these people who made this yearbook what it is. Thank you all, for all your help and anyone who I missed. Special thanks goes to my beautiful Assistant Editor, Angie. Thanks also goes to DISK EYES. I would also like to thank AD-DEPARTMENT, who brought in \$34 000 in advertising of which we get half. A big thanks goes to CANADA YEARBOOK and especially Cheryl Edwards, our Yearbook Representative. But most of all, I want to thank YOU for buying a Yearbook!

When I started working on the Yearbook back in May last year, I knew it would be a lot of work, but little did I suspect that it would take over my life! During the past year I spent more time working on the Skule™ Book than I did in class or doing homework, I even did layout for twelve hours on Christmas Eve. But I'm still here, physically, if not mentally. Maybe I'll get those good grades next year (Yeah sure, I always say that!).

In May, I set out a number of goals that I wanted the Yearbook to accomplish: more pages, more colour pages, bigger pages, more books sold, more advertising, give the Department Chairs and Deans more recognition, stimulate Skule™ Spirit and bring all of Engineering closer together. I tried to include everyone in the Yearbook: the students, the professors and the administration. The Faculty and the Chinese Engineering Society were included for the first time. I set out to create a source of pride, a Yearbook that would unite the whole Faculty and create renewed spirit. Just because we are losing Godiva and the raw, crude and rowdy traditions of the past does not mean that we cannot have as much spirit as we have had. In fact we should be prouder now than ever before. Engineers always pride themselves on a job well done, so we should be proud that we have cleaned up our act. We can still have spirit without offending anyone. All spirit needs is symbolism. I decided to use the mighty Skule™ Cannon throughout the Yearbook, it symbolises Skule™ past as much as Skule™ present. There are traditions that we can be proud of. The mighty Cannon is one of these traditions and this is why I chose to use it for the back cover, the endsheets (inside cover) and the flip movie.

The flip movie was filmed at Hart House Farm on Saturday July 20th 1991, during the Orientation Committee's weekend trip. Originally it was filmed on Front Campus in front of U.C. but the camera jammed. Fearing the same result at the reshoot at Hart House Farm, we used two movie cameras, and sure enough one of them failed. The surviving film was used to make the prints that appear on the bottom right hand corner of every page.

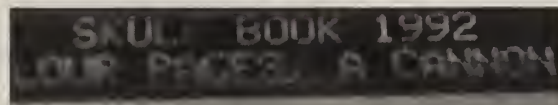
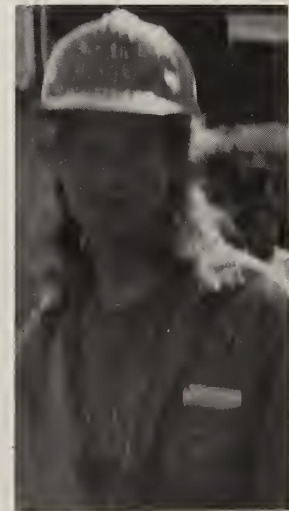


Next year I would like to see the Engineering Society combine its Yearbook with the Chinese Engineering Society's Yearbook as happened this year in other Faculties. The Engineering Society should represent ALL engineering students, not just a select few.

Enjoy your Yearbook!

Chris Barnes
CHRISTOPHER BARNES

Skule™ Book 1992 Editor



SKULE™ BOOK 1992

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 Edward Wong
 Publisher: Canada Yearbook Services
 Advertising: AD-Department

Darkroom Trolls

A picture is worth a thousand words!



Victor Kristics
 Henry Pedro
 Patrick Lee

STAFF



PROJECT MAGAZINE

This is the National Magazine for Engineering students. Since its inception in 1984, Project Magazine's primary objective has been to serve as a forum of communication for engineering students across Canada. To meet this goal, Project Magazine is distributed to every engineering society across the nation, thereby providing an excellent medium for the unification of Canadian undergraduate engineers.

Project Magazine offers news and feedback on a wide variety of engineering-related topics. My task as a Project Magazine regional editor is to get engineering students from U of T to write about their innovative projects and exceptional activities not found anywhere else (e.g. Climate in Engineering). By relating to other universities and the head office of the magazine, I establish good relations and contacts with the Eng. Soc. Executives.

Every four years, a university is responsible for editing and publishing the Project Magazine. For the next four years, it is going to be L'Ecole Polytechnique de Montreal. As the "Regional Editor" title indicates, this task is quite important. It is very necessary to represent U of T Eng. Soc. on the national level, and in doing so can be loads of fun, especially if you speak French!

Sam Nassif,

Project Magazine Regional Editor.

DA B.F.C. ^{NOT}

A Totally Fictitious Organization That Does Not Exist, Never Has Existed, And Never Will Exist.....

M E M B E R S

Da' Chief

R*lw*b N*ts*j

Chief's Ass.

S*l*ss*v*zt*h X*l*

Ministers

D**wr*h B*r

- Art & Kultur

**fcc*v N*v*

- Howzing

*tt*y Y*g T*ht S**hw

- Trade & Kommerse

S*d*n*d Kc*n

- Employment

R**m*-In**s *d**lc-N**j

- Akquisitions

K*n*hl*k N**ll*

- Internal Affairs

Secretary Br*V

He*~~v~~*B*r

spelt wrong, (oops)

Drones

*ssal*g **l*m*

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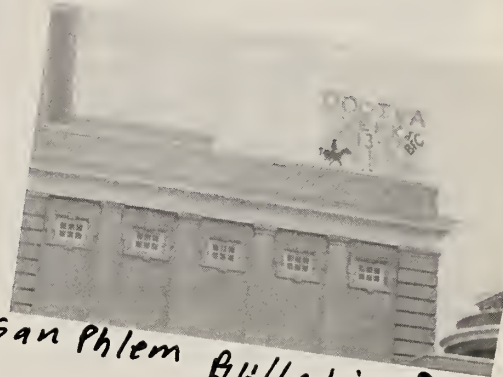
*l*d*ts B*b

*nz***n*ks K*r*j

Da' BFC

striking fear into the hearts of mice and artsies everywhere!

Kaypurs dis year included many godiva weeks signs, A hard hat on UC, moving a van, and many more!



San Phlem Bulletin Board



Da' BFC caps off UC's tower

Da' BFC Flag over Simcoe Hall

BFC Kicks Artsie Ass on Simcoe Hall



Beware Da' BFC

Eighty-Five

Make way For Da Cannon, Eh!



There's more But we F*cked Dem.

The Chinese Engineering Students' Association

On behalf of the Chinese Engineering Students' Association (C.E.S.A.), I would like to thank the Skule Yearbook editor for letting us have a page in this year's yearbook. This is the first time in our 16 year history that we have been asked to write something for the yearbook.

For those of you who are not familiar, or have never heard of C.E.S.A. was started back in 1975 by a group of dedicated Chinese engineering students, but the association was not recognized by the University until it was properly registered in 1983. Its prime objectives are to promote friendship and communication among Chinese students, Professors, alumni and students of different cultures. In addition, we hope to bring about a better understanding among various groups of Chinese recreational activities.

The 91-92 academic year has proved to be another successful year for C.E.S.A.. Activities included dancing parties, film shows, the annual Coffee House (talent show), The Cultural Day, career workshop, a ski trip, sports tournaments, and the publication of our very own yearbook, just to name a few.

Many thanks go out to our dedicated executive officers and enthusiastic students who sacrificed their precious time to make the '91-'92 academic year a success for C.E.S.A. Best wishes to next year's committee.

Karen Mok,

VP Internal 91-92, C.E.S.A.



CESA

C.E.S.A.

多倫多大學工程系中國同學會

Chinese Engineering Students' Association
University of Toronto

P.O. Box 224, Station 'P', Toronto, Ontario M5S 2S7

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 Internal VP: Karen Mok
 External VP: Clement Tse
 Coordinator: Kwong Ho
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 Treasurer: Simon Low-Nang
 (Sponsor) Polly Liu
 Cultural: Ivan Lamb
 Marcos Ong
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 Peggy Yuen
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 (Poster) Philip Ho
 (CESA Times) Chris Ng
 Publication: Daniel Kung
 Sherwin Tseng
 Data: Janet Lee



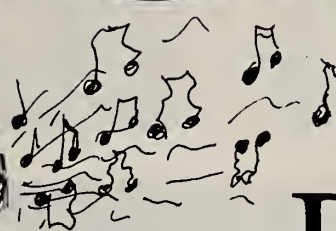
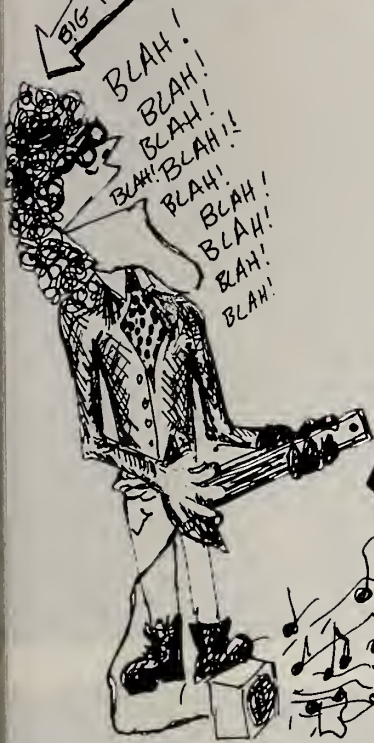


The Meaning



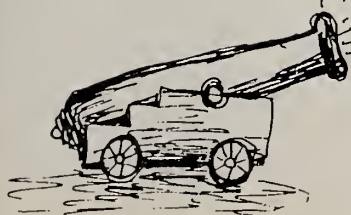
of Skule™

BIG BRO!



PART VI:

EVENTS



Chariot Race





AND THE WINNERS
ARE...
THE CHEMS!!!



Explorer has consistently outperformed all other 4x4's on the most demanding surface of all.

Paper.

Best new Sport Utility two years running.

Four Wheeler Magazine
By Ken Von Helmolt

As the Bronco II is phased out, Ford will phase in the Explorer series. The Explorer line includes two- and four-wheel drive models.

On the highway, the Explorer's tively soft suspension provided cosmopolitan ride. Unfortunately, high speeds...

Ford Explorer is a superb family vehicle

By Cam McRae
TORONTO STAR

Ford products may well be the catalyst required to turn the North American market...

In contrast, the Explorer is a very handsome vehicle in keeping with the Ford truck tradition of a bold, chunky form.

The more conservative appearing four-door is a superb family vehicle.

Part of the impressive styling trompe the Explorer's...

WIRELESS

The Explorer's classic good looks and exceptional comfort have made it the smash it is.

Automobile Magazine
By JEAN LINDAMOOD

We loved the Ford Explorer from the moment we piled into it. We were on the big island of Hawaii at the end of 1990.

Season's test, taking delivery in late spring. We then proceeded to drive Explorer farther than any other...

The Explorer was a pleasure to drive and the most versatile and useful wagon (truck?, car? limo?) this reporter has driven. - Road & Track

BY PETER EGAN

It went through deep snow and spring mud, out to dinner, back and forth to work, off to the airport to pick up arriving guests and their luggage, from Wisconsin to the Appalachians.

Besides being functionally well-rounded, the Explorer has just enough quality to think...

Explorer... one of the great Sport Utility buys of the 1990's.

Four Wheeler Magazine
By Ken Von Helmolt

The Explorer is a completely new vehicle based on some of Ford's tried and true truck chassis and...

corners, the ride turned "jittery and underdamped when pushed." Another tester felt that "the Ford had understeer. On the wet pavement, play...

All of its competitors concede that the Explorer is now the gold standard for the category.

Adweek
By David Kiley

In the spring of 1988, when Roger Simpson took over as manager of the secret...

Even that might be an understatement. Simpson, and the team of designers, eventually...

the Ford Explorer, was finally unveiled last year and the new...



Quality is Job 1.
It's working.

Cannonball





Ye Skule Cannon Historie

The first cannons honoured with the title 'Skule™ Cannon' were those in front of Hart House. In 1929, an engineering caper resulted in the firing of one of the two. This however, demonstrated only 50% efficiency since both cannons were supposed to fire.

In the early 30's, another smaller cannon would appear at Skule™ festivities and also roar, and then mysteriously disappear. The authorities unsuccessfully attempted to track down this will-o-wisp. In 1935, during a slave auction the cannon was fired on the steps of the Old Red Skule™ house with such force that windows were shattered. Once again it quickly and covertly disappeared.

In 1936, a machinist working in Civil Engineering was approached by some Engineering Society representatives who unofficially wanted to know if he would make them a cannon. Recognizing the considerable risk he was taking, but also realizing the dangers of students' experiments with explosives in a water pipe, he decided to help. And so he fashioned a 10" barrel with a 6" bore from a piece of axle stock, and a base from a pillow block. All of this was accomplished in the four hours immediately preceding the Skule™ Dinner that evening. This secret too was well kept.

The design of this Cannon was a tribute to engineering technology for it was not only a devastating weapon but it was equipped with built-in camouflage. It did not look at all like a cannon, thus deceiving any would-be kidnapers.

In 1941, UC stole it but it was instantly returned. In 1944, UC stole it again. With cries of war and plans for the elimination of the nuisance at the north end of the circle once and for all, but lacking evidence to prove that UC had stolen it, SPS (Ye Olde Engineering Society)

undertook a restrained campaign to regain possession. This ended up as a series of ads in the Artsman's Gazette (sometimes called the Varsity, often called something else.) Naturally, this campaign was a failure, as would be any appeal to an artsman's honour. On Feb. 13, 1945, UC Lit announced that the Cannon would be returned at the annual Arts Ball. The Toike in a fit of editorial passion called it a 'dastardly plot...a black infraction of civil property rights.' The Varsity, unbiased as usual, said it was in keeping with the Good Neighbour Policy. The hiding place, however, was discovered and the Cannon was forcibly retrieved by a group of intrepid engineers.

In 1949, 1077 Meds and Premeds armed with scalpels, tear-gas, thigh bones, trained white mice and a squadron of bomber pigeons attacked in a screaming mindless mob. The battle raged back and forth, to and from, until, realizing that they were outnumbered, the Meds sent for reinforcements. The bomber pigeons finally made their mark on three engineers and the Cannon disappeared into the Meds building.

Negotiations went on for days, as the respective values of the Cannon and the missing Meds Society president, Bob Hetherington, were calculated by a federally appointed mediator. After a few days debate, the Cannon was returned, marred with a new inscription with read, 'Captured by MEDS 5T2, 3 Feb. 1949'.

On Christmas Day, 1949, there appeared on the doorstep of the Engineering Society, a beautiful new weapon showing excellent workmanship, engraved 'Skule™ Cannon'. It seemed Santa had a close friend, a fine machinist working for the Department of Civil Engineering for a long time. In 1950, the Engineering Society honoured W.H. Kubbinga with a scroll extolling his loyalty, courage and good conduct and made him an honorary Member in Ye Ancient and Honourable Company Of Ye Skule™ Cannoneers with the rank of Sergeant Artificer.

The barrel was machined from a cold rolled steel bar and had a 2" diameter, 11" length and 6" bore. The carriage had wheels and was made from heavy steel. The Cannon weighed 20lbs. Later on the wheels and the barrel were chrome plated.

One fall night in 1959, artsies broke into the Engineering Stores in an attempt to steal the Cannon. Believing it was in a safe, they pushed the safe out a window and carried it away. However, their efforts were in vain, and only the leniency of the engineers kept them from enjoying an extended vacation in Kingston, as guests of the government.

But where the artsies failed, the Meds succeeded by deceit, as in 1959, the Meds once again made off with our precious tool. To help publicize the Blood Donor campaign, the Skule™ Cannon appeared at the Blood Donor Clinic. It had been guaranteed safe conduct, so the Cannon



was without its usual armed bodyguard and was attended by only two Skule™ men. After a long battle, the Meds overpowered the engineers and captured the Cannon.

We retaliated by kidnapping the Meds Society president. They retaliated by kidnapping an engineer. We retaliated by kidnapping a Med, and so on and so on. Finally, there were over forty prisoners in the basement of the Sandford Fleming Building, the engineers arranged an exchange of prisoners. As an added measure of security, the engineers invaded the Meds building, removed the cleaning staff, faculty members and other debris and boarded up the doors and windows. They waited. In the morning, the Meds saw the light and returned the Cannon.

Sadly, in 1959, the scores of battles finally took their toll and our faithful Cannon had to be fitted with a new barrel. The new barrel was machined from a stainless steel bar 12" long, a diameter of 2" and a 6" bore. The barrel was installed by Cannoneer Bill Riggs who also oversaw its construction.

In honour of the many battles on which the Cannon accompanied us, the 1950 Cannon was immortalized by placing it in the cornerstone of the new Galbraith building. The new Cannon was formally fired for the first time on front campus in the autumn of 1959 and many engineers and 'others' turned out to witness the spectacular event.

It was next used in conjunction with the LGMB when the engineers literally stopped the Homecoming show for ten minutes while a presentation was made to an ex-skuleman. Needless to say, the crowd (consisting mostly of arts types) was green with envy at the bold spirit displayed by the engineers but managed no other protest than a few feeble boos.

In 1963, when John Adam was Cannoneer, the Cannon Guard was given uniforms for the first time, based on an idea of Dave Morrisson. The red helmeted Cannon Guard came into existence.

On Sept. 23, 1964, the Cannon was fired in the Drill Hall at the engineering Frosh once by cannoneer Doug Macdonald. Linda Evans, a nurse from Toronto General Hospital, was injured in the right arm by a piece of undisintegrated wadding from the Cannon muzzle. She was taken to hospital for treatment.

Further activities were banned at the Dean's request, pending a series of tests to be carried out by Professor MacElhinney of the Chemical Engineering department, to determine a new safe loading procedure. In October, a letter was received from a law firm stating that it was their intention to file suit to claim damages on behalf of Miss Edwards. At this point all plans for testing or firing the Cannon were suspended indefinitely.

Since no more had been heard from the lawyers, and Miss Edwards and her family said they had no intention of suing

anybody, the Dean lifted the embargo. Just after New Year's, the tests were completed and a revised loading procedure was developed. Black powder by virtue of its dependability and insensitivity to packing pressure, replaced smokeless powder. The Cannon was fired for the first time in the lower gallery of Hart House at the Lady Godiva Memorial Bash.

1967 was the year of Canada's Centennial, but mere importantly it was the year of the most infamous Cannon steal of all. Capitalizing on a lapse in security, Mike Chapelle and Howie White spirited away the Cannon, spilling nary a drop of blood in the process. These bold fiends were graduate engineers, as exhibited by their recklessness, fearlessness and treachery.

The Cannon made its way to the British Isles, bringing sadness where there was joy and misery where there once was happiness. But six brave engineers took it upon themselves to restore the pride of Skule™ to its rightful owners and tracked it down, all the way to UC in England. Don Munro (ex-bandleader and Eng. Soc. president) and Fraser Dunford stole into Chapelle's room and with nary another drop of blood, Skule™ had its Cannon back.

The fact that an engineer had stolen the Cannon was very embarrassing and the whole theft was hushed up. The Eng. Soc. had had another Cannon built when they found the old one was gone, but the new Cannon was announced to the world to have been built in honour of Canada's Centennial. The barrel of the new Cannon was 11" long and had a bore of 5". The carriage was of mahogany and was equipped with wheels were chrome plated.

With a spanking new Cannon, the engineers' spirits were lifted. But it was barely a year old when another attempt was made to snatch it, this time by an Industrial engineer. He was unsuccessful in his attempt and spent the next few weeks as a guest of Toronto General Hospital, courtesy of the engineers.

The year 1971 brought the first gang bang with the Ryerson engineers, to decide who had the better cannon. Needless to say, the Polytechs were sent scurrying home with their feet in their mouths. Not only did we annihilate them in the contest, but we stole their cannon and made off with the distributor wire to their bus.

With Skule™'s Centennial quickly approaching, the Cannoneer decided that a new Cannon would be an ideal way to celebrate. With a barrel of diameter 3" and bore of 6", this zenith of perfection would easily strike fear into the heart of any mortal.

The first formal firing of the marvelous weapon was at the 1973 Centennial Ball and on the third try it actually fired. Dean Ham fired the 1967 Cannon for the last time and was then presented with it in honour of his retirement from Deanship.

The new Cannon has enjoyed a period of relative tranquillity since its creation, except at a Frosh dance when it was stolen (by the LGMB) to scare the Cannoneer (who had carelessly left it unguarded in the band room).

In 1976, Robert Gilmour (the Cannoneer) was found guilty of defacing the Cannon. John Vanneste, a former Cannoneer, was called from retirement to fire the Cannon, since Gilmour had refused to do so at his own Grad Ball. The Cannon was found to be badly corroded and in need of cleaning. When the barrel was removed from the base, Gilmour's name was found chiselled into the bottom.

The Engineering Society passed a motion of censure against Gilmour and the entire deed was exposed in The Toike. Furthermore, at Vanneste's suggestion, the Cannon Guard wore black hard hats to show the engineers' displeasure.

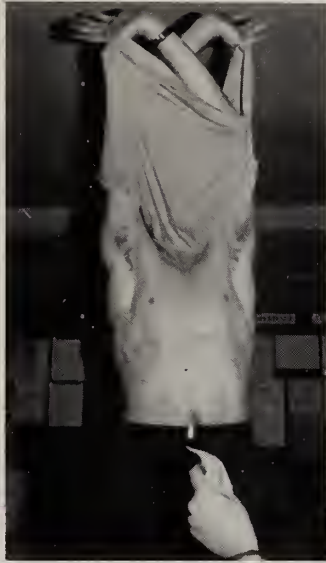
In the beginning of 1982, our glorious cannon was called once again to prove itself. The first round of yet another gang bang was held during Godiva Week on a bitter cold Front Campus, with contenders from Ryerson, Devonshire House and some forgotten fraternity, all trying to wrest the glory from Skule™'s Cannon. The impartial judges from Labatt's, armed with the latest in decibel meters, quickly banished Devo and the frat from the field. Due to faulty calibration both Ryerson and Skule™ were off the scale.

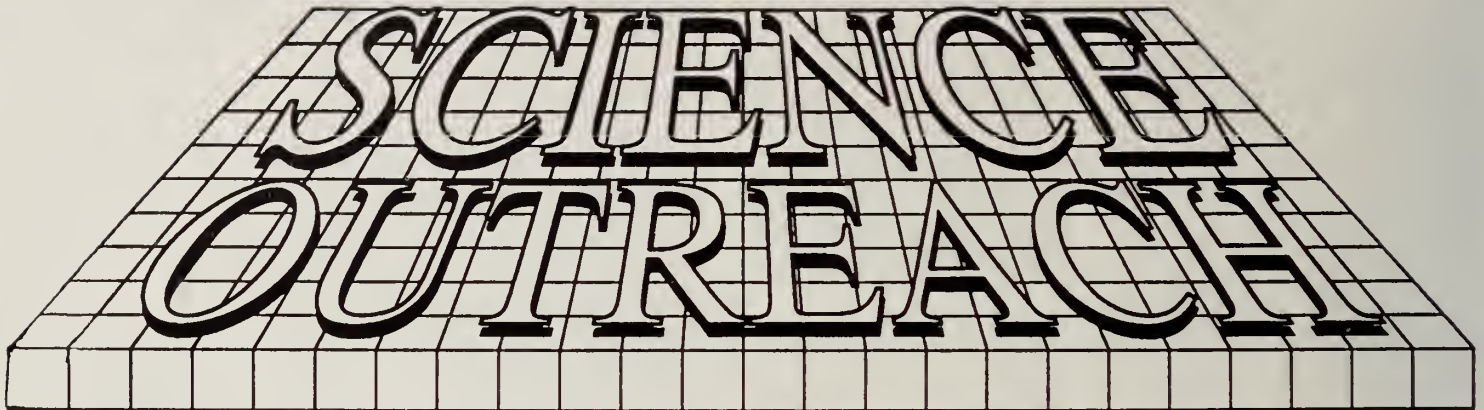
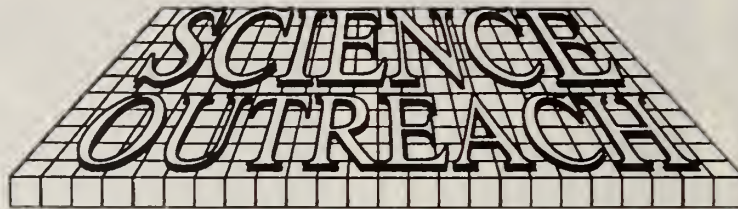
Engineering Society offices in search of the Cannon. Yes, it's true. The sad and sordid truth is that sweet baby-faced Charles (alias Chuckles) Blattberg tried, to vain, to abduct the Cannon. One dark and stormy night when all the engineers were safely tucked in their beds (during reading week '90), a sly and slimy figure crept (shouldn't that be crept? - Ed) into the Eng. Soc. and with a drill, YES A DRILL, tried to break into a storage room where he thought the Cannoneer would store our treasure. He did not succeed for he left the mutilated door unopened. In his farewell speech, the two-faced evildoer boasted of his deed. Retaliation is in the works. Since the incident, Charles has been called "pretty dumb" and a "big dummy" by outraged engineers. In 1989, Ken DeJong, the Cannoneer, designed a new uniform for the Cannon Guard, with the much appreciated support(\$\$\$) of Assistant Dean, Malcolm McGrath and the Alumni. Dressed in black coveralls and black hardhats, the Cannoneer and his/her guards were ready to face a new era, defending the mighty Skule™ Cannon.



The Incredible **BORIS** Suds





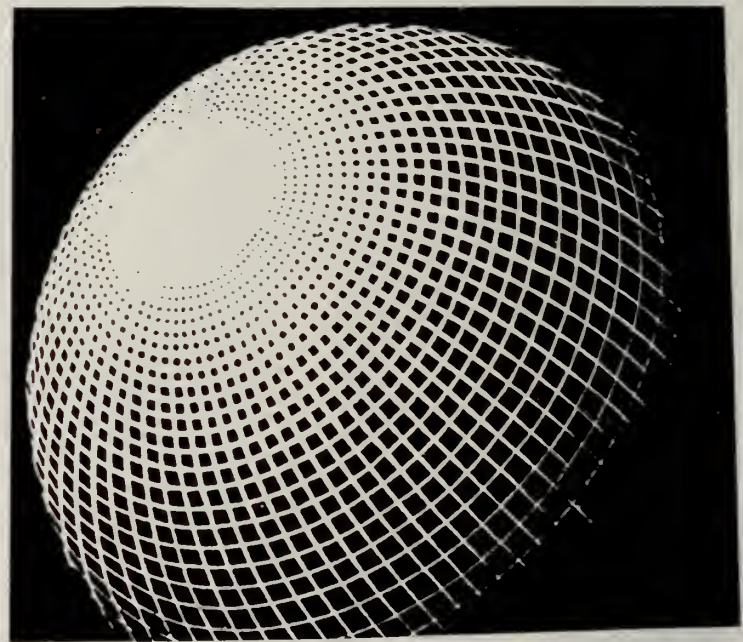


1991 SCIENCE OUTREACH PROGRAM

What do most engineering students do in the summer? Do they roam all over Toronto's elementary schools performing wild and crazy cryogenics, civil engineering, and aerodynamics presentations? Do they treat energetic grade 5 to 8 students to a fun-filled week at the best summer science camp going? Probably not. However, that is exactly what Derek Ung (Eng Sci 9T3), Chris Barnes (Chem Eng 9T4), Chris Hay (Eng Sci 9T4), Sam Roweis (Eng Sci 9T4), and Kim Stangeby (Chem Eng 9T2) did at the Science Outreach program during the summer of 1991.

Science Outreach is a student run agency of the Faculty of Applied Science and Engineering. It was founded in 1989 to stimulate kids' interest in technology, so that Canada will have a more scientifically literate population in the century to come. By providing Skule students as role models, we hope to show these children that engineering is a fun and worthwhile pursuit.

In May and June 1991, our staff performed 200 two hour workshops to an estimated audience of over 5,000 students in schools throughout Metro. These workshops were offered in both French and English and consisted of a scientific demonstration, discussion, and hands-on activity. During July and August 1991, 280 exceptional grade 5 to 8 students spent a week in Skule's labs and classrooms. While at our camp they got a chance to experiment with wind tunnels, pulp and paper production, Cray supercomputers, liquid nitrogen, and much more.



There are 11 such summer science programs at universities across Canada, and we are working to make U of T's the best. For 1992, we plan to expand our staff to 9 undergrad instructors so that we may cover grades 5 through 10. An estimated 420 workshops are planned for May and June '92, with the enrolment of the summer camp growing to 576.

Of course, Science Outreach could not exist without the generous support of the Faculty. We would like to thank the Dean's office, the department chairs, the Engineering Society, and the many professors and students whose contributions were essential to making the program the success that it is. We would also urge more people to get involved! Find out more about Science Outreach, and help us to turn kids on to science and engineering.

Science Outreach Staff



HALLOWEEN

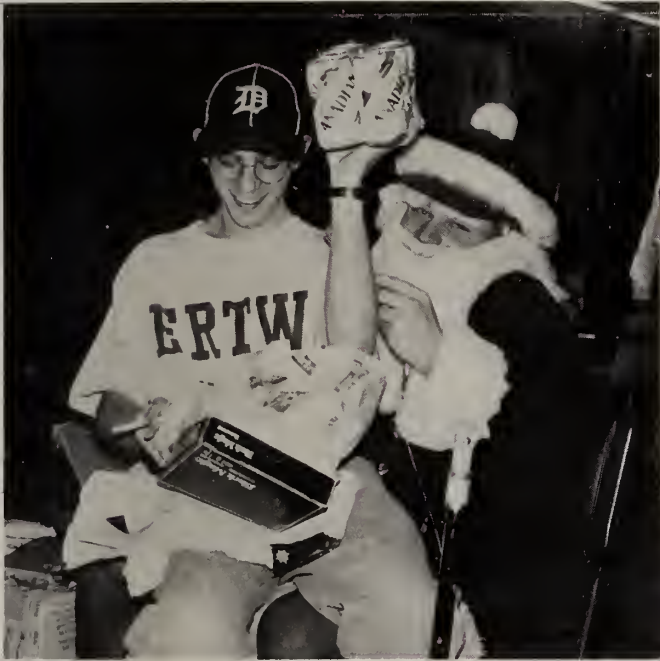
SUDS





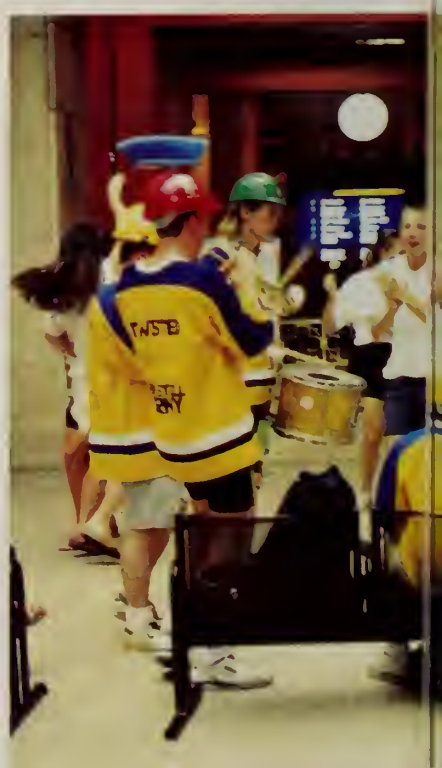
Christmas SUDS









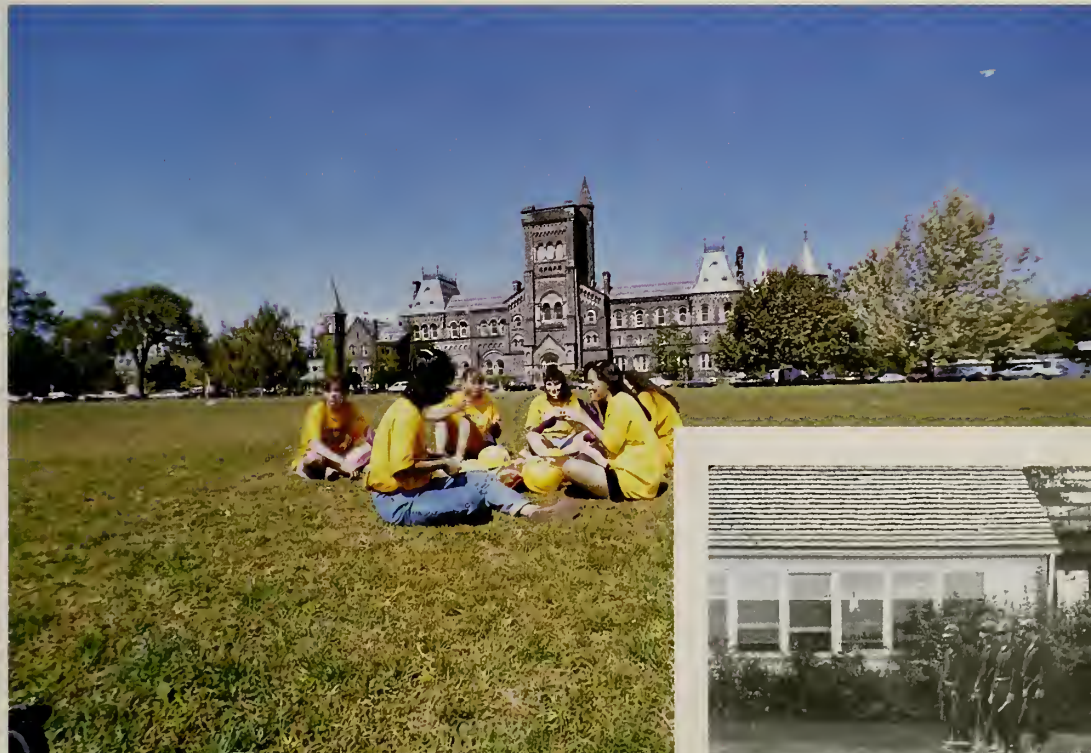


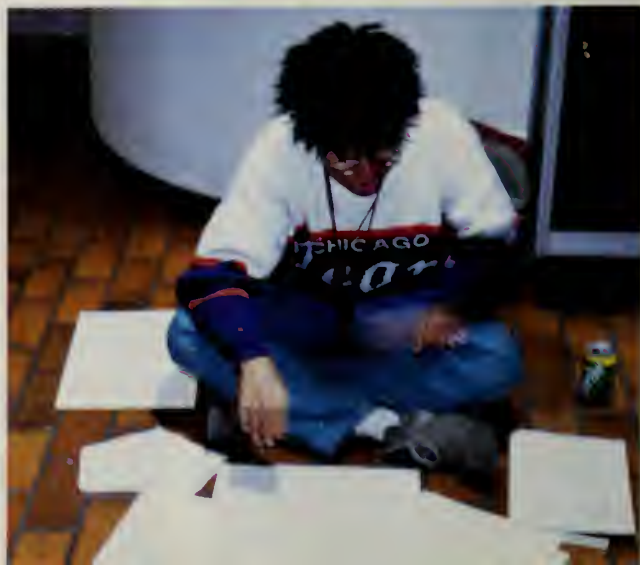






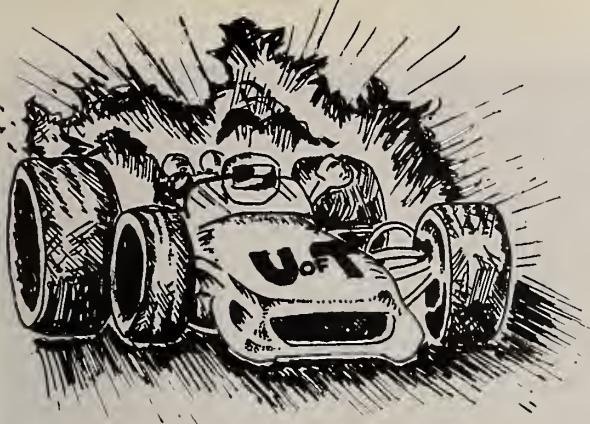




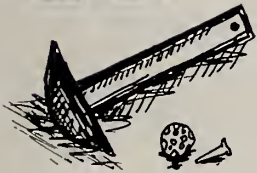








The Meaning of Skuletm



PART VII:



SPORTS





The EAA, ruling government of all things athletic, has had a totally unprecedented (same as always) year with plenty of championships (we won a few games) and a plethora of old and new talent (ringers and rookies). The monthly meetings were informative and we had good attendance (beer and pizza). What can I say that hasn't been said in previous years (especially since I'm writing this long before the year is over)? I'll have to do what I do on problem sets: take the average value of answers (write-ups) from previous years.

Engineering Athletic Association

Our tournaments throughout the year were a big hit. Many people participated and everyone had a lot of fun. We had an athletic awards banquet in the Hart House "Dining Room" at the end of the year known as the 'S' Dance. This is an annual event where players of every team are invited for dinner (drinking), dancing (drinking), and the presentation of awards (a big brouhaha caused by excessive drinking) for outstanding achievement in "Skule" Athletics. We had record attendance and everyone stayed until the wee hours of the morning (until Hart House kicked us out).

Seriously, I would like to thank everyone on the committee for a fabulous year! Thanks to Linda, Mario, and Dave for doing a great job (doing what I told them) and making my job a lot easier (I didn't have to do anything). Also much much thanks to all the players on every team (especially the Women's Ice Hockey team), without whom engineering sports would not be. To those who had no part in engineering athletics: What were you thinking? Come on out next year and join in the festivities!

Sylvia Boller, EAA President

MEN'S FOOTBALL

The season began early in September as the players quickly devoted themselves to a team founded on pride and tradition. On November 17th, 1991, the Men's Engineering Tackle Football Team savoured the sweet taste of victory as they repeated as Division II Champions for the second consecutive year of the Mullock Cup Championship played at Varsity Stadium.

The hard fought, well earned 6-1 victory proved to be a satisfying and rewarding close to a season plagued by numerous player injuries (broken knee, broken ankle, dislocated shoulder, partially torn achilles heel, 2 broken fingers and several bruises). Despite this negative factor for the team, Skule™ finished off the season with a record of 3 victories and 3 losses. Many thanks to all those players who showed up at all the practices. Their commitment and devotion to the team was the key to this year's success.

PLAYER ROSTER 1991:

Nick Agostino Bruno Maoloni Victor Alvarez
 George Matta Bill Angelakos Stephen Meadows
 Bill Arboleda Chris Meile David Atkinson George Millis
 Kevin Attfield Steve Nowicki Rob Brunton
 Bogden Osadet Darren Bryson Rich Petrusev
 Jonathan Buttigieg Eric Rojo Ray Candido
 Domenic Sinpoli Henri Costa Jarek Skonieczny
 Stephen Davis Bob Stodola Tony DiRoma
 Roger Tedesco Jose Estevez George Vujonovic
 Ivan Flores Don Williams Stefan Kash Alex Zivkovic
 Tsutomu Kiyohara
 Commissioners: Jonathan Buttigieg Tony DiRoma
 Coaches: Andrew Steeper Shari Langdon
 Trainer: Nicole Shinya

Women's Flag Football

The early morning risers of the Engineering / Nursing / New / Woodsworth women's flag football team started their seasons with a fabulous first game. We made a spectacular touchdown and won our first game against Erindale 6-0.

We thought that we were going to have Lady Luck, or for that matter, ANYBODY cheering us on, but for the next three games the only person that cheered us on was our devoted president of Eng Soc., Gilligan. However, he lacked enthusiasm, so we lost. Then we came back the very last game to win against Pharmacy 13-0, but it was a little too late - we were one place away from going into the semi-finals.

Better luck next year, gals!

Many thanks to our coach Rich Petrusev.

Karen Doniz,

1991 Flag Football Commissioner

MVP Kerry Cathers MIP Melanie Smith

Front Row (squatting): Nicole Shinya, Linda Scott, Karen Doniz Back Row: Rich Petrusev (most excellent coach), Laura Baldassare, Lauren Midgley, Leslie Hammond, Linda Kudo, Sylvia Boller, Melanie Smith, Kerry Cathers.



Women's Field Hockey

Sylvia Boller, Barbara Danrel, Lynn Ewanusiw, Shelly Finnigan, Helen Kostiner, Linda Kudo, Minette MacNeil, Wendy Morrison, Sunny Park, Nicky Potter, Selda Sharifi-Rad, Melanie Smith, Jennifer Staples, Ivana Strgacic, Soo-nil Um, Ashnoor Vally.

Engineering combined forces with New College, Rehab Med, and Nursing to create the best women's field hockey team ever seen in EAA history. Despite the TTC strike and 7:15 am games, we played two strong games, then defaulted the next two. After convincing DAR to let us play, we rallied together for our last two games. We had spirit! Next year, we'll even actually win a game. Promise.



Barbara Danrel

Field Hockey Commissioner

Engineering/Forestry Women's Soccer Team

Christy Stinson, LeighAnn Walton, Nancy Kliewer, Sue Kennedy, Leah Francis, Pauli Radpay, Jennifer Cheung, Lynn Ewanusiw, Arlene Bristol, Gina Mollicone, and Lisa Weiler.

An action-packed season...NOT! We got to the playoffs thanks to the defaults of our many opponents. Obviously, they were frightened off by our ominous presence on the field. Unfortunately, the more ominous presence of the Phys. Ed. Amazon Women from Hell prevented us from advancing past the semi-finals. Well, it was midterm season, so the force was not with us. However, special mention must be made of our team goalie and MVP, Christy Stinson, who developed an interesting (but effective) habit of stopping shots with her face. It was a great season, despite the early morning games. Many thanks to our Forestry comrades for their support.



See everyone next year!

Sue Kennedy,

Women's Soccer Commissioner





Women's Division II Volleyball

With only three veteran team members, the regular season began with a slow start. Strong playing at the end of the season, however, pulled us through to the playoffs. This young team has promising potential, and next year should prove as successful, if not more. Many thanks to all those dedicated members who made it out to every game, and best of luck to next year's team.

Nancy Lum

Roster: Sylvia Boller, Sue Kennedy, Linda Kudo, Sue Lee, Nancy Lum (Captain), Aryn Pyke (MVP), Michelle Radford, Connie Tscheng, Eka Umoh, Jennifer Woo, Lauren Woo.

Coaches: Stephen Chen, Leigh Kivenko



MEN'S DIVISION II VOLLEYBALL

In the true Flying Zucchini and Pink Flamingo tradition, we totally and viciously annihilated NOBODY. In spite of that we ended up with our best season ever - a combined 2 - 10 record.

We would have had a much better record if our 4 best players from last year weren't drafted by the Olympic Volleyball team. Also we didn't realize until it was too late, that spiking was allowed.

In spite of the setbacks, a most luscious time was had by all; and both teams are poised to be the most improved teams in the league next year. The Players were:

- | | |
|-------------------|-----------------------|
| 1. Rubin Jen | 8. Bob Stodola |
| 2. Matt Ng | 9. Steve Perzia |
| 3. Tom Mok | 10. Sean Hua |
| 4. Simon Hueltain | 11. Ron Mech 9T2 |
| 5. Albert Yu | 12. Marian "The Star" |
| 6. Godo Belcita | 13. Sade DeVries |
| 7. Tim Fletcher | 14. Richard Fernandes |



Richard Fernandes Mech 9T3



ENGINEERING SKI TEAM

The engineering ski team kicked some ice at the 1992, U of T, intramural ski event held at the Craigleith Ski Club, Collingwood on January 31. Spectators gasped as one engineer after another proceeded to "tear up the course" gracefully and mercilessly.

Wining the men's expert team division were: Ori Raubvogel (32.08s), Jim Lynch-Staunton (31.54s), Paul Yoo (34.18s), Paul Simak (29.74s), and Greg Pucher (32.24s). Paul Simak took 2nd place overall for best individual times.

The engineering women's team unfortunately could not make it to this event due to a race in Austria in which they were competing.

Greg Pucher Mech 9T2

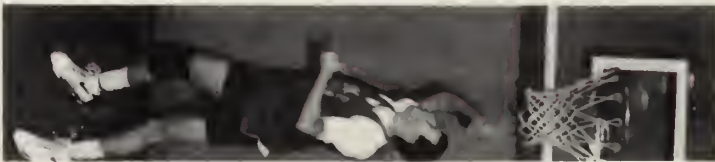
Mens Racquets

What can I say? This years tennis, squash and Badminton intramural teams have again been a success.(well, maybe not squash-default bonds really suck)Kendrick Lo turned in and impressive result, reaching the final of the mens tennis singles event and also did well in mens doubles. Bill Lee and Alan Lepofsky also deserve mention for their strong showing in doubles.

As of now, engineering's first ever (I think) badminton team has yet to compete but I'm sure we'll do well in the upcoming tournaments.

Many thanks to those who participated

Dan Vranesic





RUGBY RUCKERS

The '91 Engineering Rugby Team finished the regular season with a record of 7 wins and 1 loss for first place in the league. Extraordinary efforts on the part of many players has led to another successful season for the muddy men of mayhem; Leighton Chong's long drives from ELMIRA. Steve Oakes' mad dashes to 4 o'clock games. Don Cherepachas attendance record despite many visits to Toronto Western's sewing department for a stitche or 20. David Atkinson scoring his first try ever with "just the right amount of coffee" as fuel. Paul 'Lucky' Pleurde's strong play at scrum half. Many veterans returned from last years championship team and with Big Jim Phillips accepting the captaincy in lieu of a varsity career, the Blue & Gold started strongly. Will Engineering win another championship? In the words of a philosopher, SIAN ZUBERSMA "don't know, can't say": there's some tough opposition ahead. The potential is there if the desire is too and the ball pops up on the 3rd bounce the champagne could flow.

Another successful season - let's keep it going ladsl

Mike Stevenson '91



Men's Soccer Division II

Despite lack of practice and our players being outnumbered in all the games by ever-practising teams, we managed to pull off a 2-3 win-loss record (one point away from a playoff berth).

The strong defence lead by veteran sweeper Mike Peddle, Andrew Gibson, Riten Shah, Blair Bromley, J.J., Rabi Karmacharya, Ushinish Sengupta, and rookie goalkeeper Ronnie Cabezas was almost impossible to penetrate. The midfield manned by Bill Lee, Arshia Tabrizi, Diego Rivera, Devan Devalia, Armen Kulidjian, and Jamal Hudi displayed artistic moves that had opposing players arguing amongst themselves which of the Engineers needed tighter marking by more than one player (remember that they outnumbered us!). The aggressive forward line made up of: right wingers Igor Muscatblit, Paul Simak, and Amit Menipaz; left wingers Daniel Rostenne, Shahaab Lahooti, and Martin Chin Chern; centre forwards Jeton Odza and Mohammed Elhaje was a thorn in the flesh of the opposing teams.

We say goodbye to sweeper Mike Peddle, forward-turned-defenceman Andrew Gibson, and left-winger Shahaad Lahooti who all graduate this year, with the hope of finding equally talented players next year to fill their gap. Many thanks to all the players, especially those who had the courage to show up during midterms.

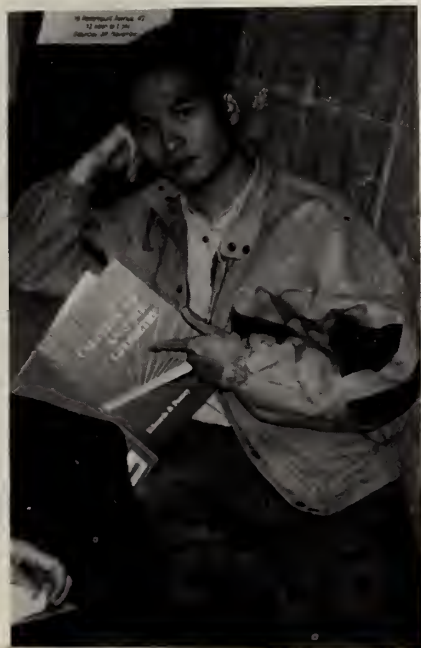
What more can I say? We had a great season and hope to do better in 1992.

Jamal Hadi Salim,

Soccer Commissioner











The
 Meaning
 of
 Skule tm



PART VIII:
 GRADUATION



ELECTRICAL

Grads without photos: ANAGA-RETNAM MARK JEHAN C CHEUNG HANS TZE-HAN DANREL MILAN DE DOMINICIS AGOSTINO DUONG HOANG T O'SOUZA JOSEPH SALVAODR BOSCO GREENBERG DAVID LE HINH LEWKOW ROMAN TEOOOR NGUYEN THANH SIA BENI SLIVINSKAS TOOD ALBERT TAM CHAK HOI.IAN VRETANOS PANAGIOTIS ATHANASIOS WHITEMAN LESLIE NORMAN WHITTAM SIMON PAUL



RAPHY CHACKO
ALAMPARAMBIL



SACHIN
AMBIKE



DIMITRIOS
ANDROUTSOS



JAWED ISMAIL
ATCHA



KULPREET SINGH
BAQIAL



BAYLA
BARRON



SATWINDER
BRAR



PEDRO
CAROOSO



SUSAN
CERIT



FARAZ MOHAMMED S
CHAUDHERY



YAJYUE JACK
CHEN



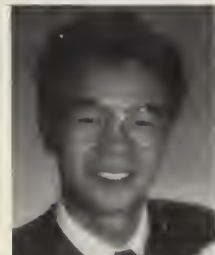
HEANG CHIEN
CHHOA



MABLE
CHIU



KAN VEN
CHOI



LIANG
CHU



IGNACE JASON
CHUNG-TUNG



SALVATORE
CRAPANZANO



JOSE M
DA SILVA



MARK
OENTON



STYLIANOS STEVE
OERVENTZIS



WINNIE JING HUI
DONG



KAREN A
GIBSON



KEVIN KYU-SIK
GIOR



EUGENIO
GRAND



JAE HOON CHARLES
HAN



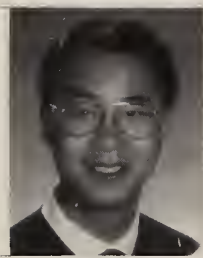
ROLAND
HENDEL



MAI NASR
HERZALLAH



KURT
HUBER



GOROON
IP



MARK
JAREMKO



NABIL RAYMONO
KANAAN



STEVEN
KIROFF



YUT NUNG KEVIN
KDD



RAJKO
KRMINAC



UTHAYAKUMAR
KUMARASAMY



MAN CHUNG
LAM



ANDY KA YAN
LAU



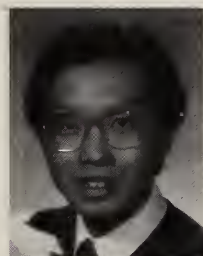
DEREK YEE-CHEUNG
LAU



DENNY PO SHEUNG
LEE



HOWARD BOON HOOD
LEE



HON HUNG HENRY
LEUNG



SHING-CHO
LEUNG



WAH HING JACOB
LEUNG



LYSANOER
LIM



JOHNSON
LUI



CHITRA
MAHADEVA



TAN TAT KEN
MAK



PEDRO
MENOZA



RUSTOM
MIRZA



MUHAMMAO
MUNSHI



MATTHEW
NG



SANG-WOOK
PARK



DHAMAYANTHI
PERAIRAVAN



DANIEL STEVE
PIROG



MICHAEL
PLISKAT



DAVID
POVOLO





IMMANUEL
RAHARDJA



RAJIV
RAJPUT



JEFFREY TODD
SEIFERT



SUJATHA
SIVAMDORTHY



DAVID
SMITH



DARRYL M
STAL



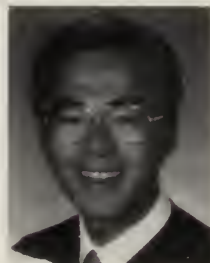
SUJATHA
SUBRAMANIAM



ANDREW JOSEPH
SUHAY



VIVIAN CHI-HWEI
TANG



CHAK-LAM FRANCIS
TAO



BRANIMIR
TASIC



SUGUNAN
THAMBIRAJA



HERRICK KWAN-HON
TODD



KEVIN
TRUONG



YUK WAH TOMMY
TSE



BENJAMIN JUI-SHEN
TSENG



SUSHIL K
VERMA



XIAOWEI
WANG



SCOTT DOUGLAS
WEBB



JASON WILLIAM
WIEBE



CHUNG LEUNG
WONG



TAI-WAI DAVID
WDNG



RUI ZHONG
WU



ERIC WING KAY
YAU



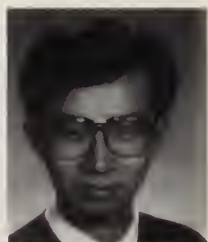
TAI YAM JOSEPH
YAU



RICHARD
YEE



CHUN-CHIN DAVID
YEH



CHUN NING
YEUNG



JASON JAEWDOK
YEW



NODT K RICKY
YIM



YU FUNG
YIP



WDN-HI
YU

CIVIL

Grads without photos:

DASILVA WILLIAM GARIPOGLU BERRIN LOPAROO MASSIMO MARKOVICH JAMES MICHAEL DOUG SADATMANSOORI MAOJIO SEO SUSAN
 WONTORRA MICHAEL MARKUS YIU EDMUNO BING KWAN ZAMODITS PAUL L J



MICHEAL DUKE
ALBANI



ANDRE V
ANGELANTONI



KEVIN ALAN
ATTFIELD



STEVEN PAUL
BELANGER



ROBERT A
BOZZO



JOACHIM J
BREEDE



ARLENE THERESE
BRISTOL



NICK
BURSIC



JONATHAN M
BUTTIGIEG



GLEN MICHAEL
CAMPBELL



MAURO
CASCHERA



ALEXANDER ROBERT
CHAPMAN



ANDREW O
CHARSLEY



MAURO
CHIAPPETTA



GABRIELLA B
CHIARELLI



WARREN P
CHIN YEE



GIUSEPPE J
COSTANTINO



FRANCO
CUNDARI



DARRYL F
O SILVA



LORIS F
OAMETTO



EDWARD MICHAEL ALISTAIR
DENHAM



ANTONIO
OIROMA



OARIO
DISTEFANO



ANNA
OYBKA





RICHARD OYBKA



MARK FARMER



GIANNI R FERRARI



STEVEN DOUGLAS FILIPOWITZ



RICHARD FOGARASI



JOHN WILLIAM FOSTER



ZACHARY FUERSTENBERG



HO CHEUK BENNY FUNG



GORAN GAJICH



PAUL RONALO GEE



KATHLEEN GILBERT



CUONG HUYNH



THE OIEP HUYNH



JOHN IERACI



ANDREW WAI CHUNG IP



EVAN MITCHELL IVANOV



WARREN SAMUEL KNOWLES



YAT WAH LAI



CHI FUN JIMMY LAM



CHRISTINA ANN LEUG



MADDALENA L LIGGIO



KEI SHUN LO



EDDIE CHI-KIN LUK



MARK P LUKASIK



SCOTT RODERICK MACPHEE



KA LOCK MAK



MARCO MARCANTE



WILLIAM JONATHAN MAY



DANIEL JOHN MERAW



FRANCESCO NICOL MONELLI



ROBERT DAVIO MORRISON



LIISA MULLINS



NABIL
NASHMI



JENNIFER ANNE
NATALE



DOUGLAS MICHAEL
D'MALLEY



WALTER
PANNIA



SCOTT RAYMOND
PUNDSACK



MARID
RECCHIA



MARCO
RIZZI



MARK I
SANDDRI



CHAN
SAYAVONG



WAYNE
SILBERMAN



PAUL ANDREW
SLDSARCIK



BLAIR KEITH STEWART
SMITH



TERRENCE DRISCDLL
SMITH



STEWART WINSTDN
STEEVES



EKTR
STRDUTZAS



LAPCHI
TAM



RDGER E
TEDESCD



CRAIG E
TELMER



STAVRDS
THEDDRAKOPDULDS



WILLIAM
TRAN



CATERINA
VALED



DANIELE
VESCA



ELIZABETH
WEBSTER



JDHN MATTHEW
WILKINSDN



MIRANDA WUNG-YEE
WDNG



HI SING JOSEPH
YAN



KAREN MARIE
ZAN



MECHANICAL

Grads without photos: CHEAH LOOI-HOOI CHONG MICHAEL CHI-WANG NGUYEN TIEN



PETER CHRISTOPHER
AJERSCH



NIZAM A
ALI JR



BRUCE COURTNEY
AMM



CHRISTOS
ANTZINAS



RUPERT FAZAL
ARAB



KHALIL
ASAL



BONNIE BERTA
AU



ANTON N
BAKALIC



AVED
BEROSSIAN



ANDREW MALCOLM
BOYES



BRUCE
CALDWELL



JOSEPH
CARGNELLI



CARMEN KIT SHAN
CHAN



YAI-CHI IRENE
CHANG



DAVID PUI CHOR
CHENG



YAI KING
CHIM



KIN MENG
CHOI



JUDY
CHU



RICHARD EDWARD
O'ABREO



SAPE
DEVRIES



DENNIS ROBERT
OMENICHINI



DAVID JAMES
DUNCAN



PETER BRIAN
EHLERS



JACQUELINE FLORENCE MAY
ENGBRECHT



ANGELO
FABIAN



FRANK
FIASCHE



TIMOTHY EDWARD
FLETCHER



HEATHER MARY
FRASER



CHI LEUNG
FUNG



RONALD
GALLAROO



JEFFREY CHARLES E
GILLAN



JOSEPH G R MICHEL
GINGRAS



MARK
GREENHILL



ALFRED FAI SING
HO



KIN WAH KEITH
HOU



SIMON MICHAEL
HOULTON



RUBINE
JEN



HAMAN YOU-SONG
JENG



MARK
JOHNSTON



ROBERT OONALO
JOLIFFE



CHEE LOONG
KAM



NABARUN
KAR



NITIN
KHANOEKAR



HANI PHILIPPE
KIAMEH



GERRARD J
KLAUS



ADAM MICHAEL
KOZYNIK



TIMOTHY HON-JONE
KWAN



RAYMOND SHING-KA
KWOK



YU HING DANIEL
KWOK



SHAHAB
LAHOOTI



EUGENE TZUN-BIN
LAI



JOHN
LARSEN



GLENN PAK HUNG
LAU



WING YIU ERIC
LAW



TIN CHI
LEE

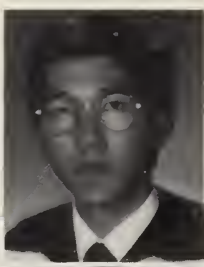


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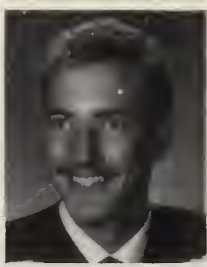




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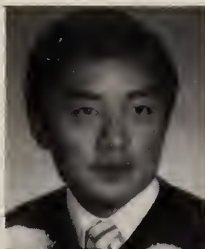
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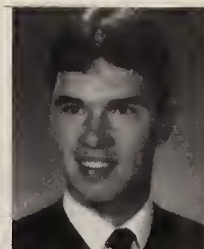
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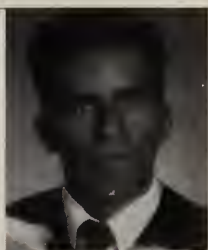
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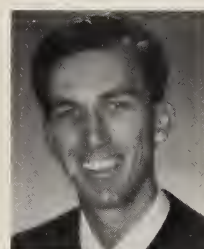
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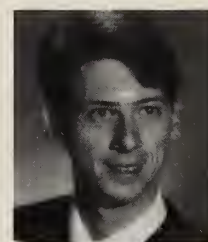
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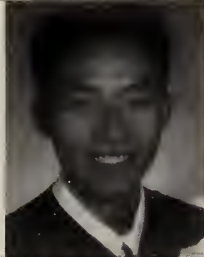
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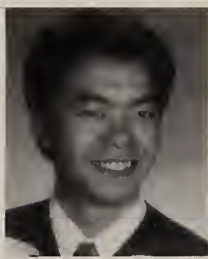
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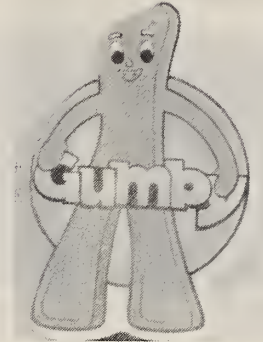
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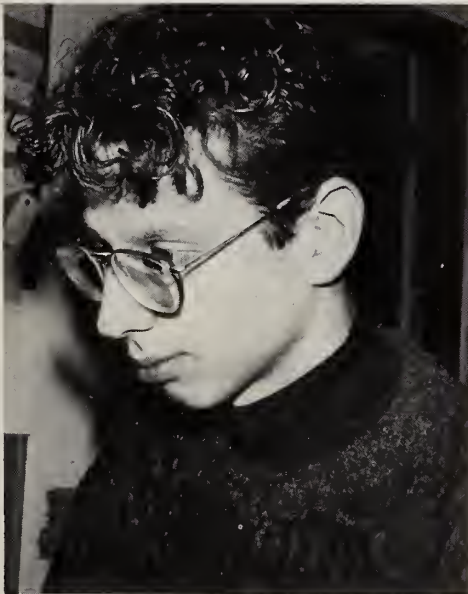
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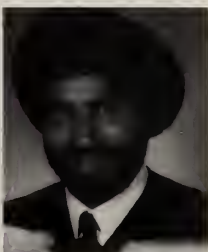
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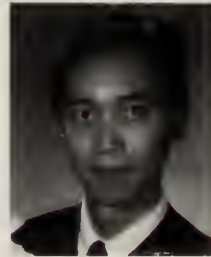
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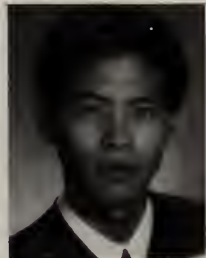
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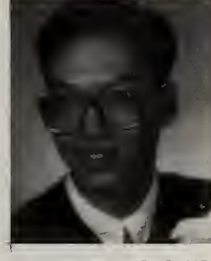
HELEN YEE HUNG
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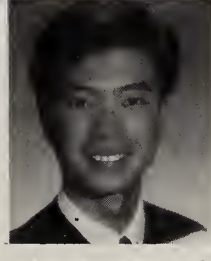
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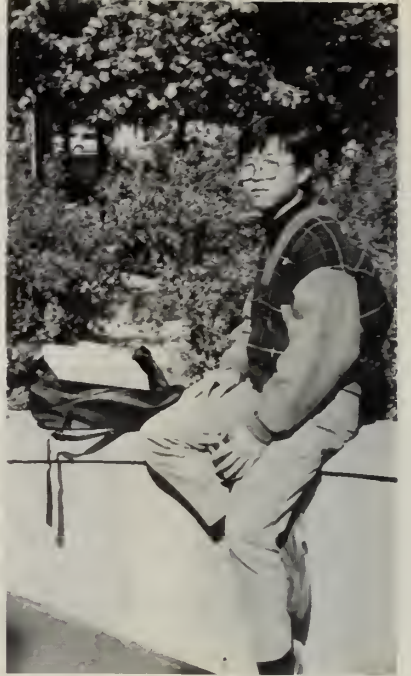


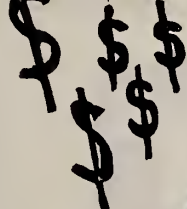
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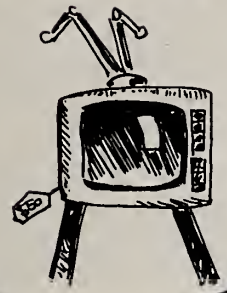
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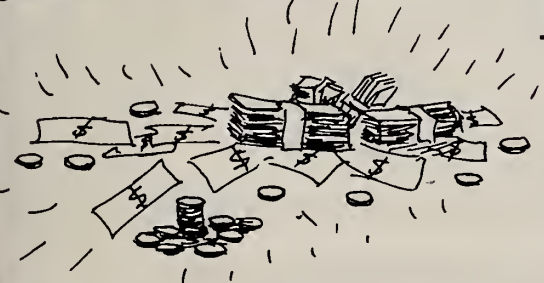
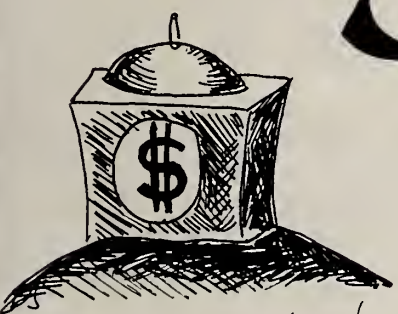




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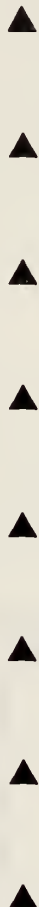
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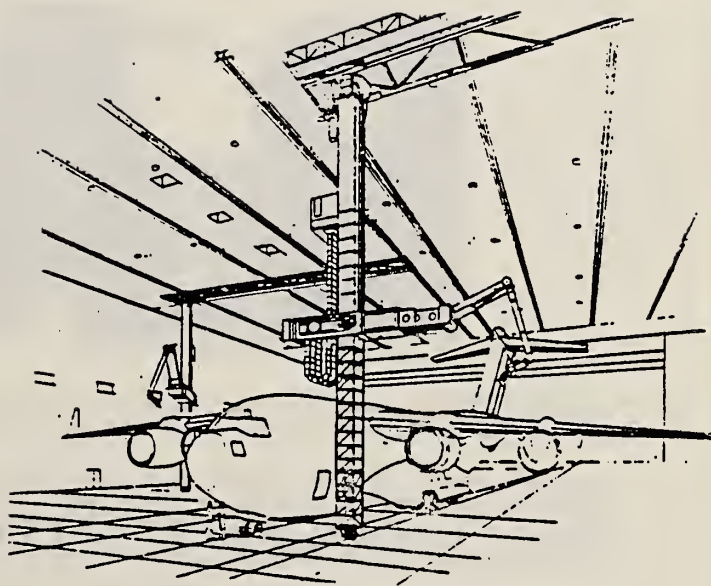
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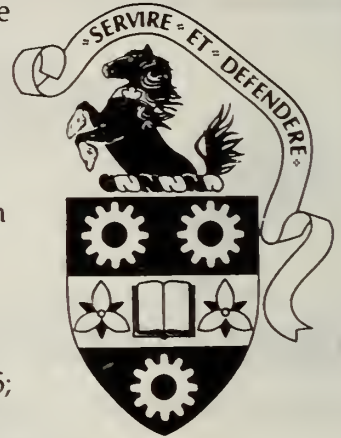
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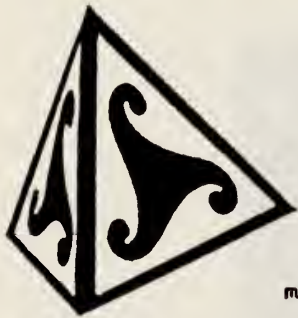


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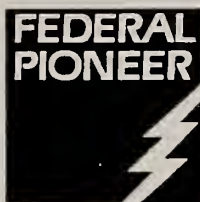
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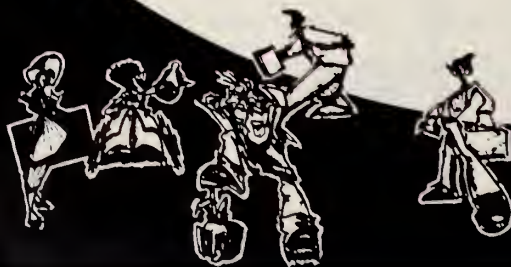
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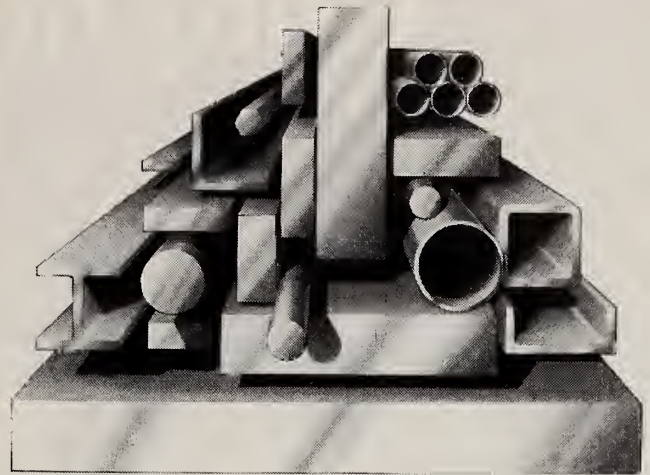
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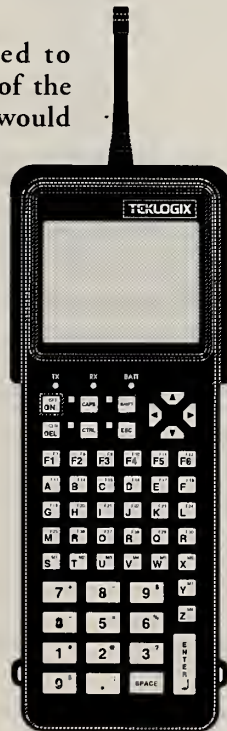
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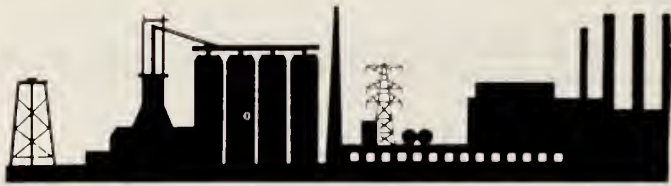
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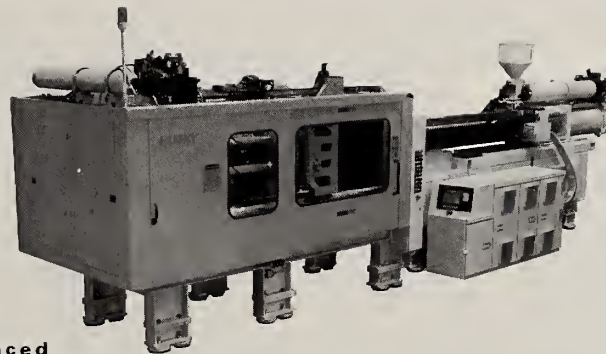
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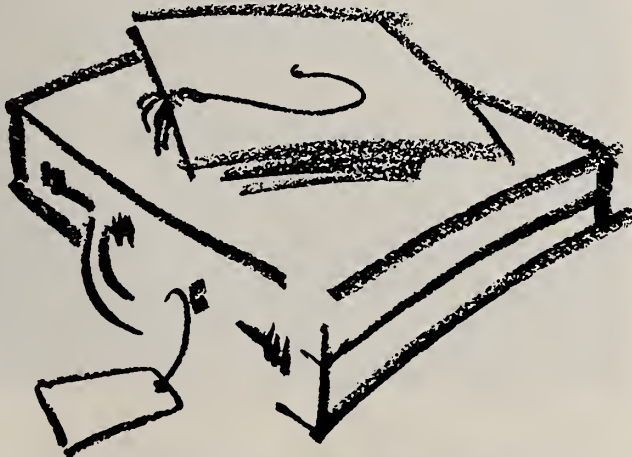
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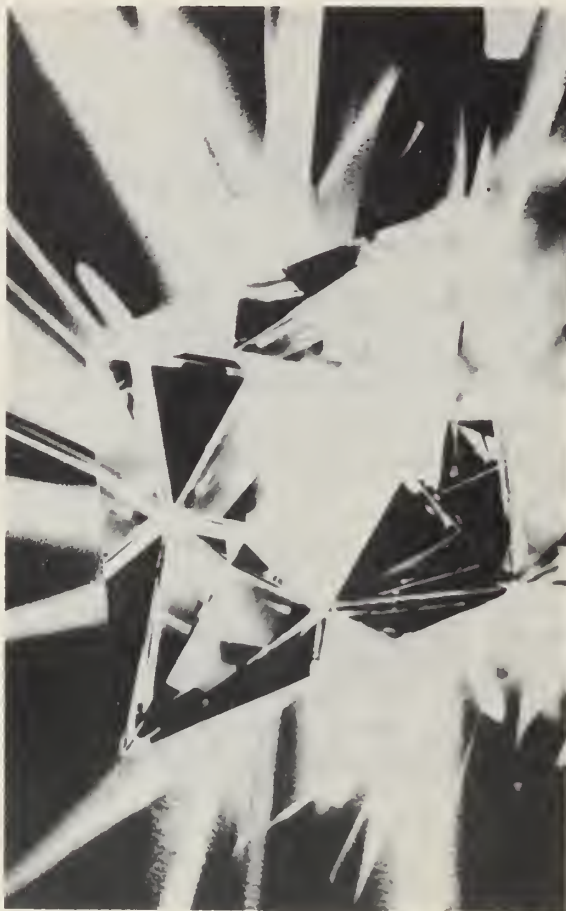
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The Canadian family of Siemens companies spans the nation. A network of 15 plants and 40 offices serves the market with state-of-the-art technologies in electrical and electronic engineering. Products and systems from Siemens are working for the benefit of individual Canadians, small businesses, large industries and utilities. To maintain its leading position as a quality supplier, Siemens continues to invest in Canadian engineering, manufacturing and service.

Siemens companies in Canada employ more than 4,000 people and sales for 1991 were over \$600 million.

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Afin de conserver sa position de chef de file comme fournisseur de produits de qualité, Siemens poursuit ses investissements dans l'ingénierie, la fabrication et l'entretien au Canada.

Les entreprises Siemens emploient au Canada plus de 4 000 gens et elles ont atteint un chiffre de vente excédant 600 \$ millions au cours de 1991.

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Peto MacCallum Ltd.
CONSULTING ENGINEERS

Peto MacCallum Ltd. is an independent, Canadian consulting engineering company providing consulting services and expert technical assistance in:

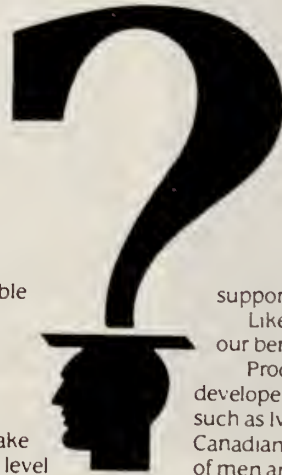
- Geotechnical Engineering
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P&G.

Is it everything they say it is



A lot of things you may have heard about Procter & Gamble are true.

They say we have a tough selection process. True. Because we only hire at entry level, we have to make sure we get the right people, right from the start.

They say we promote only from within. True. At P&G, you can go as far and as fast as your abilities will take you. It's up to you. All our senior managers started at entry level.

They say we'll throw you right into the thick of things. True. At P&G, we believe in on-the-job training. You'll get meaningful responsibility right from the start. You'll also get a great deal of

support. There are other things you may not have heard.

Like the fact that P&G pays competitively. And we believe our benefits package is the best in the country.

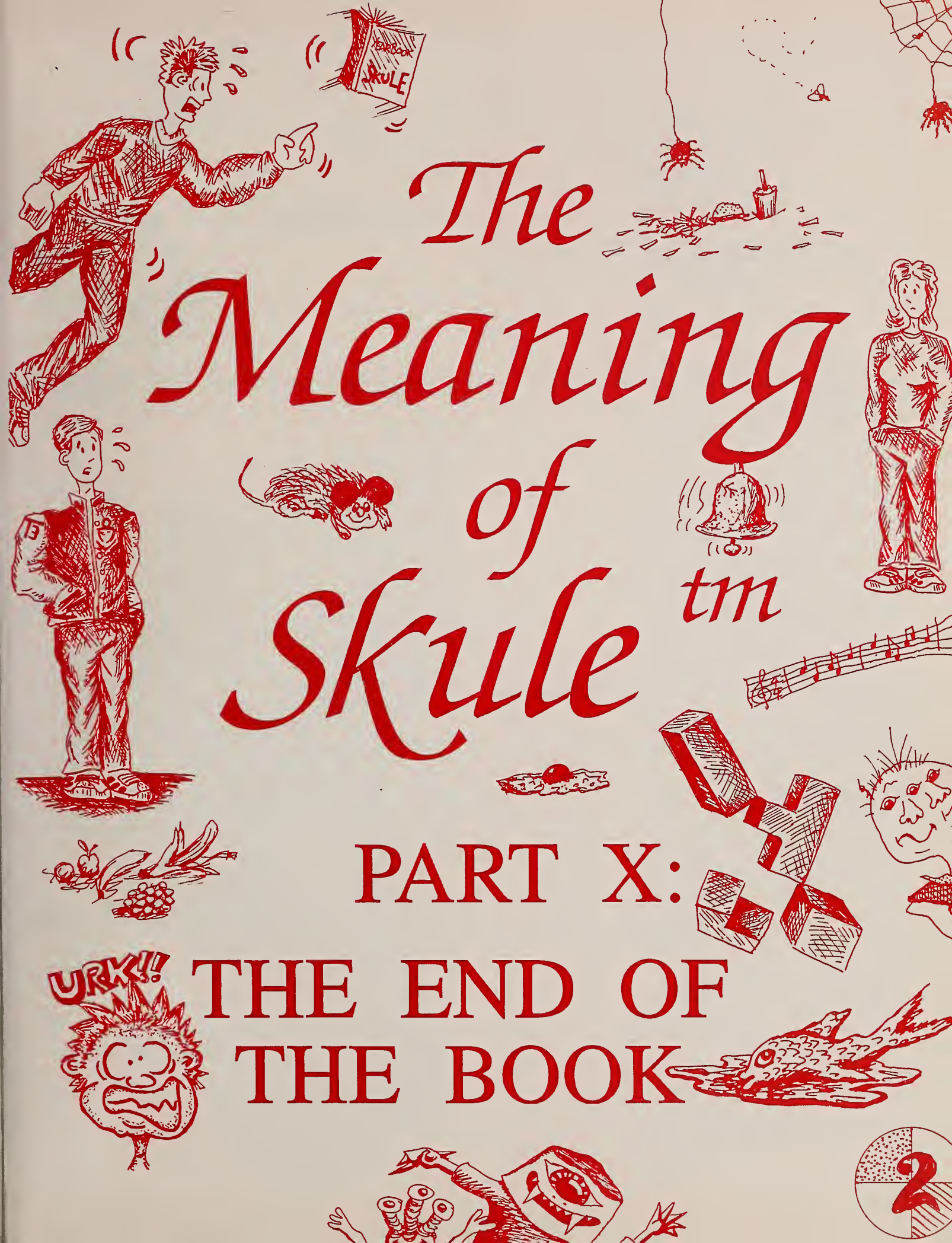
Procter & Gamble is the most successful packaged goods developer and marketer in the world. One or more P&G products, such as Ivory, Crest, Tide and Pampers are used in 95% of Canadian homes today. Our success is due to the high calibre of men and women we employ in all areas of technical and business management.

Procter & Gamble congratulates you on choosing Engineering as your Profession. We wish you a successful future.

The Meaning of Skuletm

PART X:

URK!! THE END OF
THE BOOK



THE YEAR IN REVIEW

Gorby's Soviet Union falls apart
Yeltsin's Commonwealth of Independent States created
David Duke defeated
TTC Strike
Postal Strike
Nancy B. wins right to euthanasia
Recession drags on
Bob Rae breaks campaign promises
Apartheid finally ousted
Silicon implants don't burn in crematoriums
Godiva debated in Forum
Boris comes to SUDS
Dances with Wolves sweeps the Oscar's
Chris Hiscock pulls down his pants at the Dating Game
SUDS, again
Pee-Wee Herman arrested for "indecent exposure"
Mechs learn how to make sandwiches
Cannonball at Skydome
Orientation loses \$9000
South Africa ends apartheid, finally
LGMB official band of Argos
Argos win Grey Cup
Jays lose Eastern Division Championship
June Rowlands first female mayor of Toronto
Tyson convicted of rape
Magic Johnson tests HIV positive
1992 Winter Olympics, Albertville, France
Kerrin Lee Gartner wins GOLD!
Kurt Browning falls from grace
Cross border shopping at all time high
CHEMS WIN CHARIOT RACE!!!

Arts and Lit



A Letter to the Moon and Back

Poem of Man
Rhyme of Woman
People of the Earth
What ?
Introspective Youth speak now or forever hold your
silence...
No time for questions, no comment!
Tell me now !
Do or die !
Anger expulsed, feelings repulsed
Save my brain from the sink...
"STOP"
Don't look now, but it's not here, anymore...
End of the poem, start of the letter...

Dear Sir or Madam, or thing, or other,

We regret to inform you that your fantasy has been declared void and invalid due to the large number of dreams that are being perpetrated by the subconscious. However we can arrange a trip to the end of this sentence. Please fasten your seatbelts and extinguish all thinking materials. Return your thoughts to the upright position and listen for further instructions from your consciousness.

Please...this is the only way, but there is no way...return to your psychotic ways and I'll forgive you for the mistakes you have yet to make. T H I S is the test of the typing ability of the typewriter person. Save yourself the torture of an ambiguous presence of mind and realise the absolute comprehension of the full extent of all that has been understood.

Don't kid yourself, the poem never ended,
It only broke into prose in a desperate attempt to disguise
its true motives!
It is a vile and disgusting poem...
It is evil in its very intentions!
This is IT!

Chris Barnes

EMBRACE OF THE ALL

Even when the shadows
start the night dance,
and my head swirls
between the swarming hands,
I will turn back
on my invisible footsteps
on the invisible shores.

7 June 1990

Arshia Tabrizi

Elec 9T4

Who will blame me?
Who will love me?
The embrace of the all
remains still as a dream of the sea gulls,
sinking behind the horizon
as the shadow of the sun.

Who will touch it?



ALIAS

The wind's blowing in the dark,
Going through me as a ghost.
No one can see it,
It's keeping it's distance.
No one can help,
They don't know it's there.

My life flashes before me,
Everyday.
Real people, real lives,
Lies and lies.
Seize the day, Carpe Diem,
Wishful thought.

Children starving, on TV.
Girl Guide cookies for sale.
One by one, Let's do it together.
Like a machine, The American Dream.
Fields, golden under the sun.
Perfect people, perfect lives.

It's really nice.
As god is my witness.
God loves you.
The world is your oyster.
God won't help you.
If you don't help yourself.

Fashion magazines,
Flashing computer screens,
Loud television,
The music on the air,
Nylon pantyhose,
A multicoloured scarf.

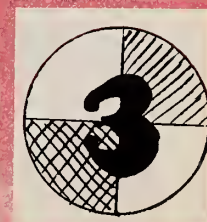
You have to go on living.
It's not worth the try.
You won't understand.
You won't understand.
You really can't lie.
Hi. How are you? Good.
There's no use.

It is all in these pages,
find it if you care.
Things you do, things you say.
You don't see, you only stare.
Politically correct,
You are light as air.

Life's not an alias,
Take a look at yours. See and Listen,
Don't hear and stare.
The sound is blinding,
The sight is deafening.

You can help.
You know it's there.

Selda Sharifi-Rad
J030192.PSL



WHAT'S HOT AND WHAT'S NOT!

HOT!

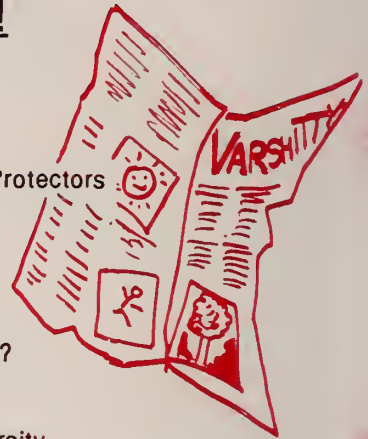
NOT!



1. Designer Lab Coats
2. Going to class
3. Married with Children
4. Reading the TOIKEI
5. Futons
6. Saying, "Elvis Lives!"
7. Exothermic reactions
8. The atrium
9. The ARGOOOOOOOOOOOSI
10. Coca-Cola Classic
11. Molten lead
12. Jays winning the pennant
13. The Toike Oikestra
14. Pets
15. CHEM ENGI



1. Edible Pocket Protectors
2. Enjoying it.
3. Who's the Boss?
4. Reading the Varsity
5. The back seat of a car.
6. Believing it.
7. Endothermic reactions
8. The cafeteria
9. The Leafs
10. Pepsi
11. Liquid nitrogen
12. Jays losing the AL Championship race.
13. The Lady Godiva Memorial Band
14. Ferrets
15. Eng Sci.



THE PRE-AUTOGRAPHED PAGE

YOU'RE A GREAT PERSON TO KNOW THANKS

to my friend
you know
I'll be glad
to see you

Hope you have a great summer and good luck!

GIVE ME A RING OF A PARTY ON A BIG PARTIES. I CAN'T WAIT TO SEE YOU!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

HAVE A COOL ONE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THIS LOOKS LIKE A GOOD PLACE TO SIGN, TAKE CARE AND HAVE A GREAT!

knowing you all these years. Keep in touch, eh? all the best.

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

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THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

THANK YOU FOR A GREAT YEAR! I'M OFF TO COLLEGE!

FILMED AT HART HOUSE FARM SAT. JULY 20th 1991 BY PATRICK LEE AND CHRIS BARNES





A DAY IN DA' LIFE



Mario knows, start right with a healthy breakfast



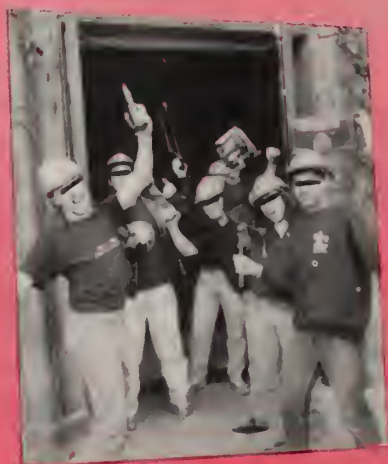
Headin' out on the town (Look out Nice)



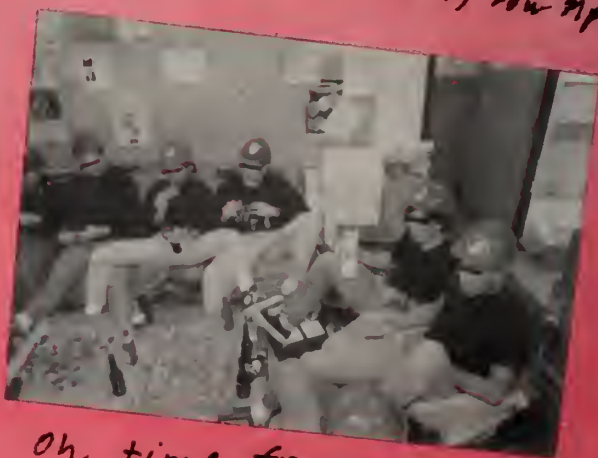
Da Brute Force Mobile, good in corn ers, low mpg.



KEYS? What keys?



We don't need no stinkin' keys!



Oh, time for a snack!



Pis Tower is blatant sexism. Totally offensive.



Tower Gone! No problems!

top next page

(Actual photo)

OF DA' (DEY DON'T EXIST!) B.F.C.

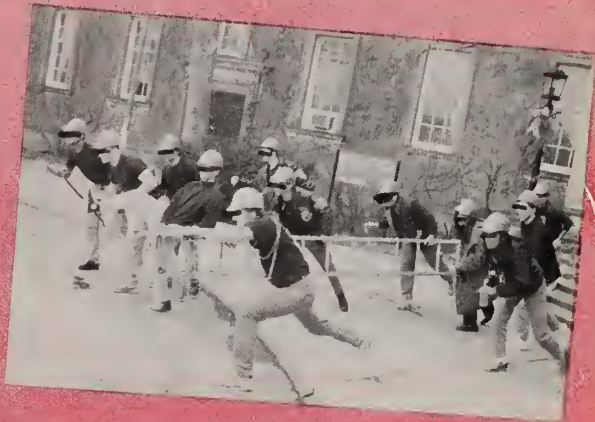
Dis' is not Da' BFC. They do not exist. If they did exist, dey would be more ugly.



Let's visit Pritchard



Uh-oh, miece!



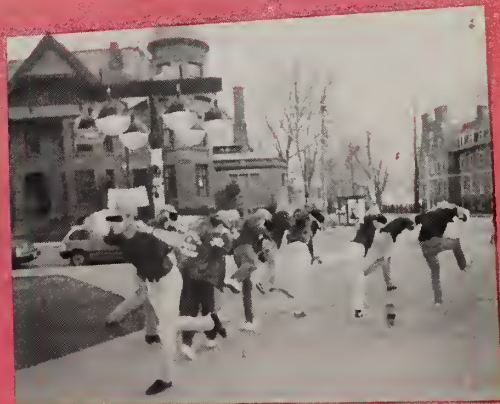
Let's visit Later.



Dis Building is ugly.



Two sticks otta do it.



RUN AWAY!

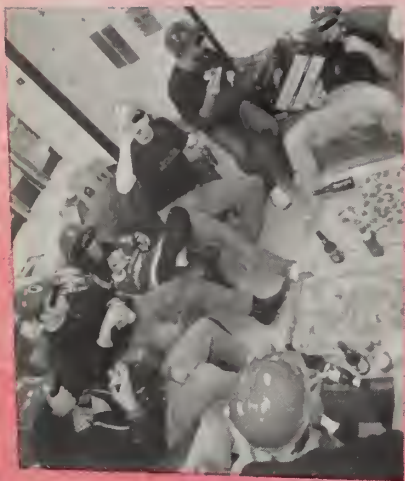
← (un-retouched photo!)

TAK-DAH ←

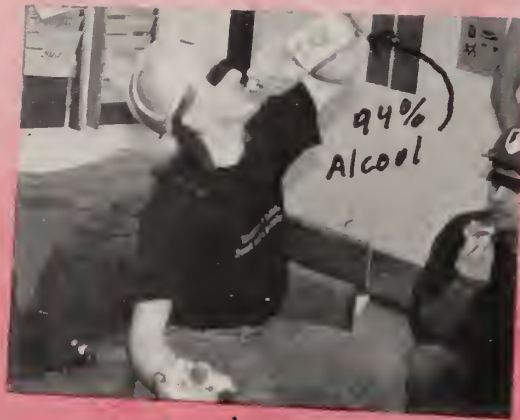
THE CANNON FLIP MOVIE

BOOM
Earth-shattering KA-BOOM.

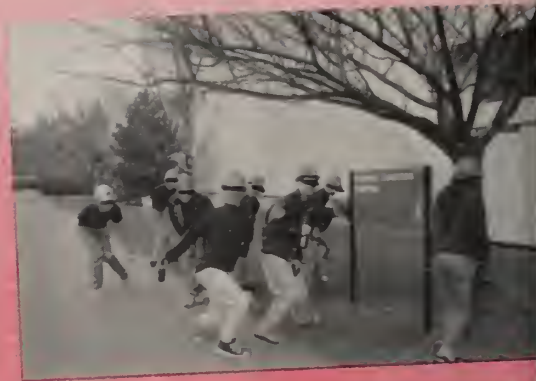




LUNCH-TIME



HAVE A Drink chiet!



Ohh- Drank to much.



A quick Break,



Ahh- Much Better!



the residue



To The Varshity!



Some quick sign Retouching.



And we are Outta Here



Supper-time, after a happy

day!
Skule™ Book, 1992

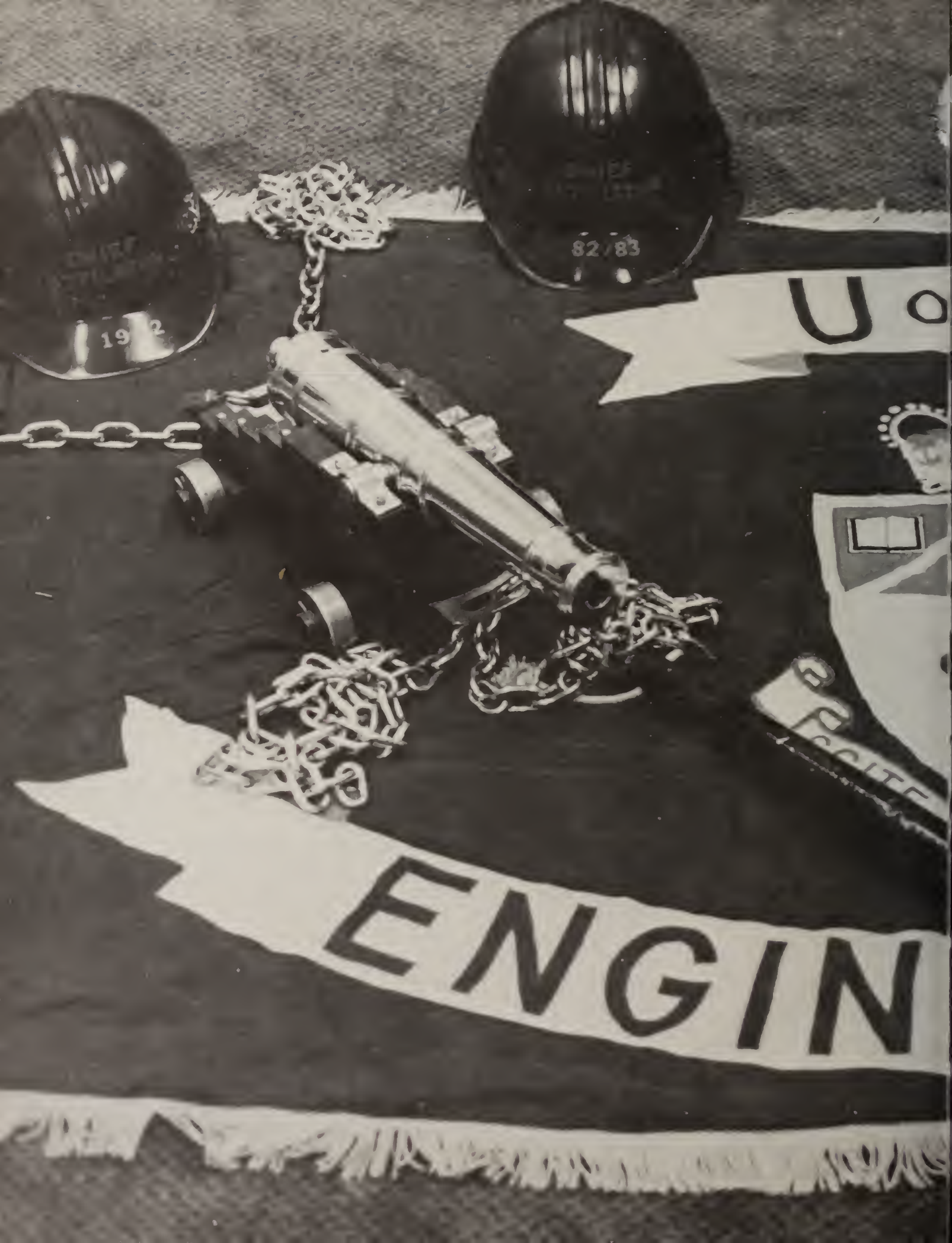
DA! *in final production*
END 
in the book room!

Note

The previous pages did not exist, never have exist and never will exist.

please Eat Them when Finished.





1982

82/83

U of

ENGINE

SPECIFIC



CHIEF
84

CHIEF
85

F T



ENGINEERING

